Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (Not Reviewed)

Data File : VV010853.D
Acq On : 14 May 2019 10:18
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02597

Quant Time: May 15 06:50:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Tue May 14 01:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	124015	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124038	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61818	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	43589	27.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.36%			
7) Chloroethane-d5	1.56	69	27799	27.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.00%			
10) 1,1-Dichloroethene-d2	2.12	63	81003	27.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.36%			
20) 2-Butanone-d5	3.93	46	26271	52.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.70%			
24) Chloroform-d	4.40	84	79921	22.32	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.28%			
26) 1,2-Dichloroethane-d4	5.08	65	47878	23.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.08%			
29) Benzene-d6	5.09	84	172629	25.14	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.56%			
33) 1,2-Dichloropropane-d6	6.11	67	51809	23.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.60%			
37) Toluene-d8	7.36	98	165515	25.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.36%			
38) trans-1,3-Dichloropropene-	7.66	79	22919	23.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.96%			
39) 2-Hexanone-d5	8.13	63	18832	45.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48131	23.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.76%			
61) 1,2-Dichlorobenzene-d4	11.67	152	60560	23.45	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	38936	28.299	ug/L	98
3) Chloromethane	1.25	50	38617	23.435	ug/L	99
5) Vinyl chloride	1.32	62	46848	26.407	ug/L	93
6) Bromomethane	1.51	94	11699	28.412	ug/L	98
8) Chloroethane	1.58	64	22729	24.772	ug/L	99
9) Trichlorofluoromethane	1.76	101	71551	28.175	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	42326	27.632	ug/L	100
12) 1,1-Dichloroethene	2.13	96	38143	26.690	ug/L	96
13) Acetone	2.19	43	24904	49.186	ug/L	95
14) Carbon disulfide	2.31	76	106809	24.812	ug/L	100
15) Methyl Acetate	2.46	43	22213	21.063	ug/L	98
16) Methylene chloride	2.53	84	42855	21.413	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	109263	23.415	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	41436	24.340	ug/L	99
19) 1,1-Dichloroethane	3.22	63	78354	23.774	ug/L	100
21) 2-Butanone	4.02	43	32804	50.192	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	45735	22.957	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (Not Reviewed)

Data File : VV010853.D
Acq On : 14 May 2019 10:18
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02597

Quant Time: May 15 06:50:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Tue May 14 01:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	21296	22.948	ug/L	96
25) Chloroform	4.42	83	87487	24.470	ug/L	97
27) 1,2-Dichloroethane	5.18	62	57389	23.006	ug/L	100
30) Cyclohexane	4.72	56	68033	28.529	ug/L	100
31) 1,1,1-Trichloroethane	4.65	97	68657	25.485	ug/L	98
32) Carbon tetrachloride	4.87	117	62718	27.281	ug/L	100
34) Benzene	5.14	78	181688	25.132	ug/L	100
35) Trichloroethene	5.96	95	47978	25.605	ug/L	98
36) Methylcyclohexane	6.17	83	74008	28.383	ug/L	99
40) 1,2-Dichloropropane	6.22	63	48843	24.805	ug/L	100
41) Bromodichloromethane	6.55	83	61007	24.162	ug/L	97
42) cis-1,3-Dichloropropene	7.07	75	70606	24.578	ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	66205	47.609	ug/L	98
44) Toluene	7.43	91	204650	25.466	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	58041	23.906	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	38242	24.115	ug/L	97
47) Tetrachloroethene	8.02	164	36102	26.075	ug/L	96
49) 2-Hexanone	8.18	43	50349	49.024	ug/L	98
50) Dibromochloromethane	8.29	129	42923	24.334	ug/L	98
51) 1,2-Dibromoethane	8.39	107	35981	24.084	ug/L	99
52) Chlorobenzene	8.92	112	132949	24.291	ug/L	98
53) Ethylbenzene	9.05	91	225984	25.668	ug/L	99
54) m,p-Xylene	9.18	106	88687	25.567	ug/L	100
55) o-xylene	9.59	106	87719	25.739	ug/L	99
56) Styrene	9.60	104	148124	25.347	ug/L	98
57) Isopropylbenzene	9.97	105	229267	26.875	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	49723	23.742	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	36475	24.037	ug/L	97
62) Bromoform	9.77	173	23056	23.894	ug/L	98
63) 1,3-Dichlorobenzene	11.22	146	103556	24.245	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	104118	23.531	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	100005	23.468	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	7741	24.256	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	75765	24.340	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	60701	24.150	ug/L	97
69) Naphthalene	13.55	128	122721	23.308	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	58987	24.658	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

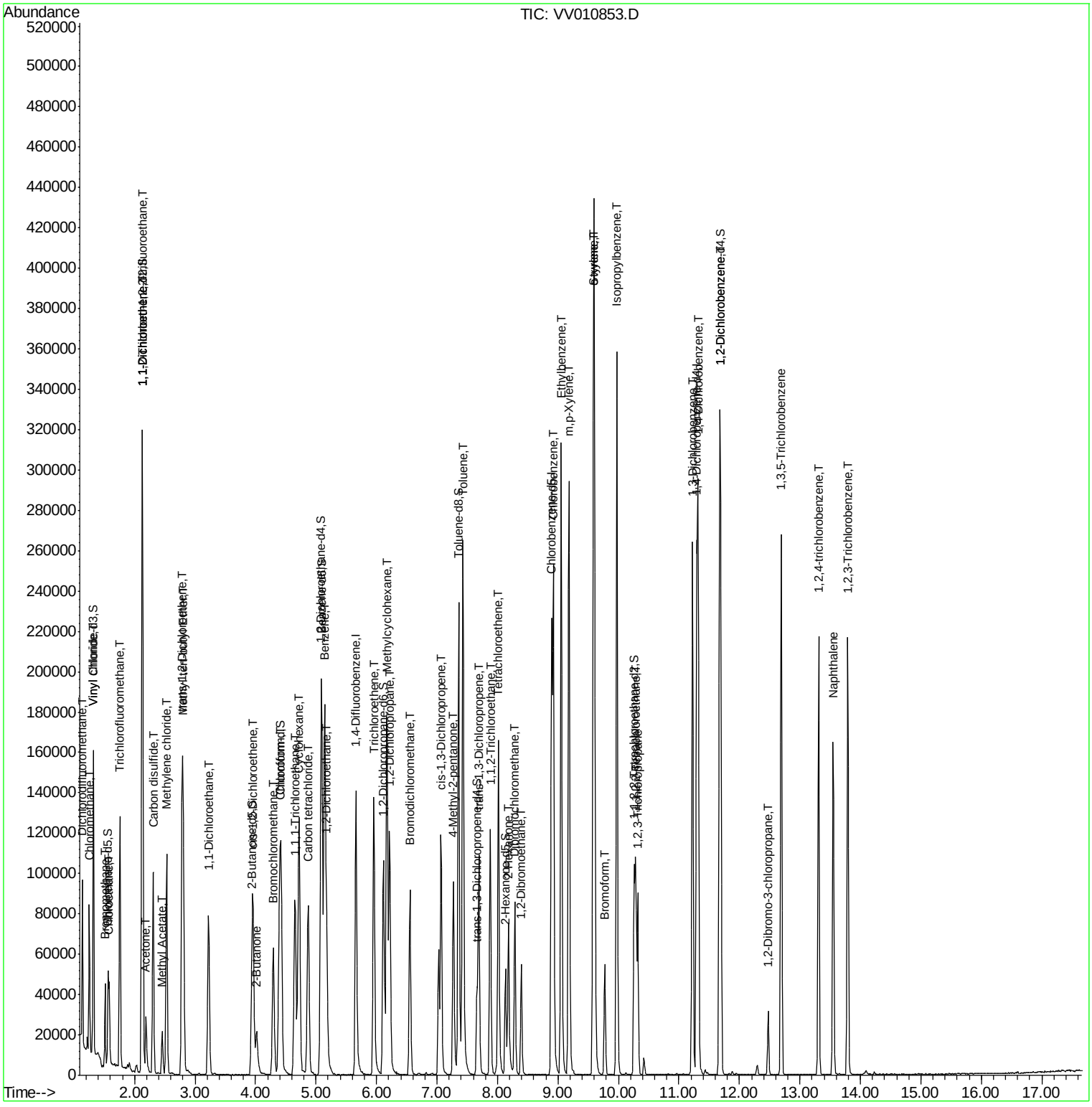
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

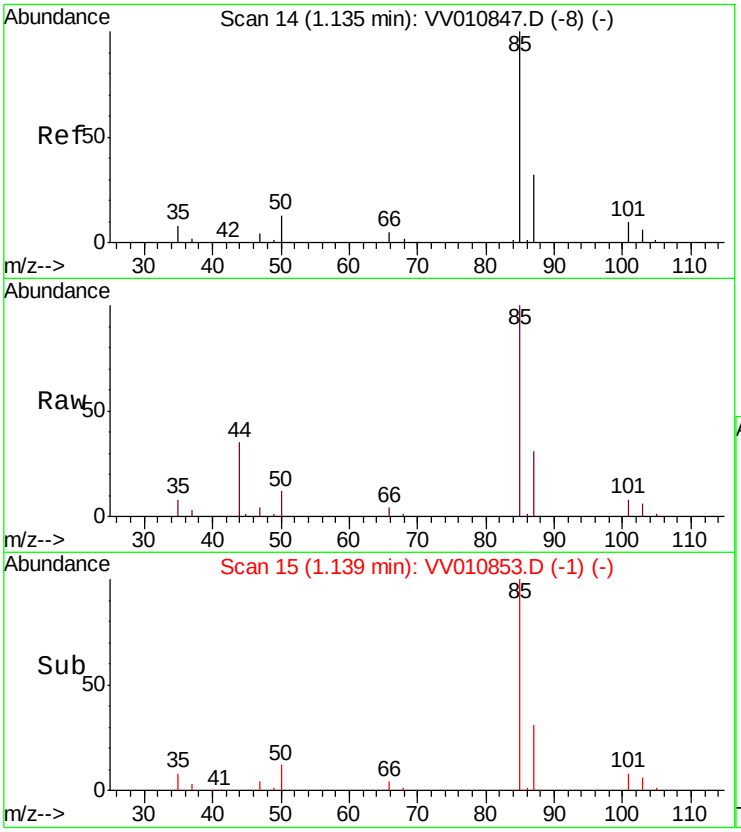
Quantitation Report (Not Reviewed)

Data File : VV010853.D
Acq On : 14 May 2019 10:18
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Quant Time: May 15 06:50:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Tue May 14 01:59:26 2019
Response via : Initial Calibration



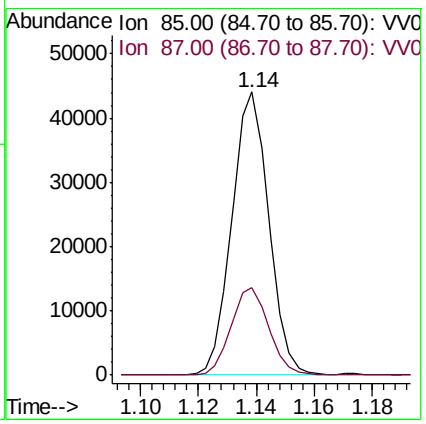


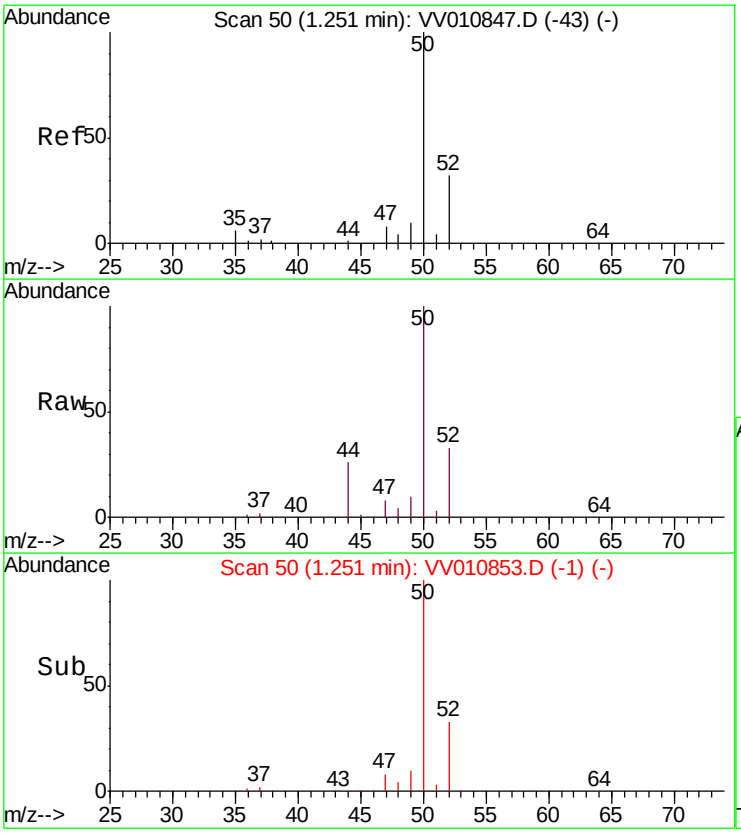
#2
Dichlorodifluoromethane
Concen: 28.299 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 85 Resp: 38936

Ion	Ratio	Lower	Upper
85	100		
87	31.4	23.0	42.6

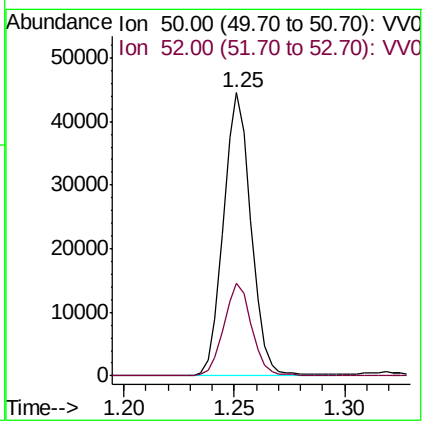


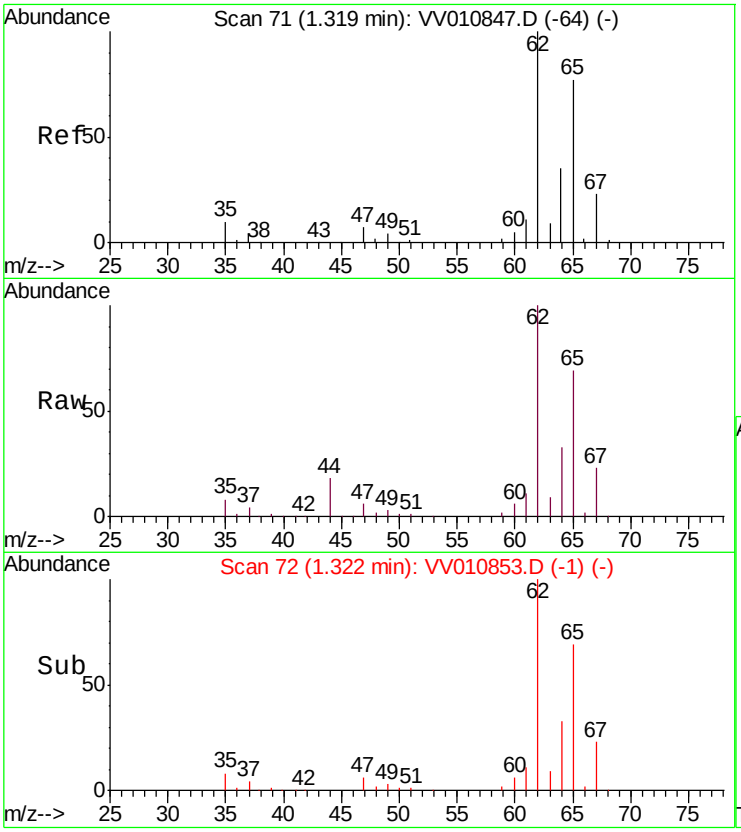


#3
Chloromethane
Concen: 23.435 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 50 Resp: 38617

Ion	Ratio	Lower	Upper
50	100		
52	32.6	22.5	41.7



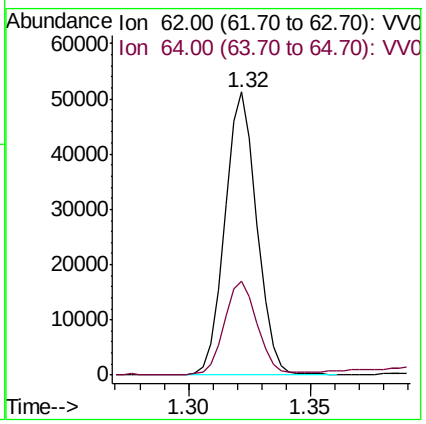


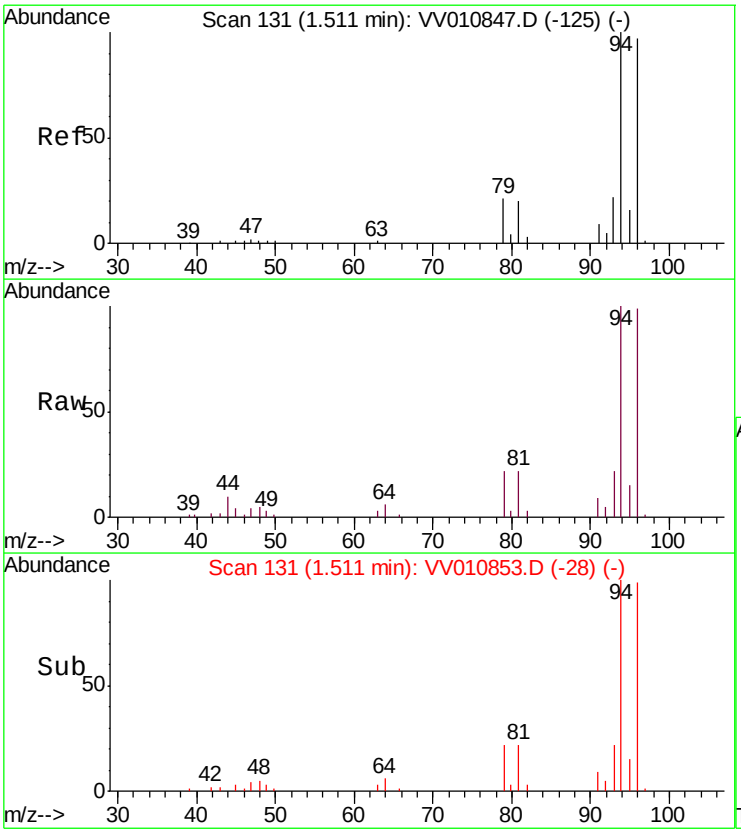
#5
Vinyl chloride
Concen: 26.407 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 62 Resp: 46848

Ion	Ratio	Lower	Upper
62	100		
64	33.4	26.1	48.5

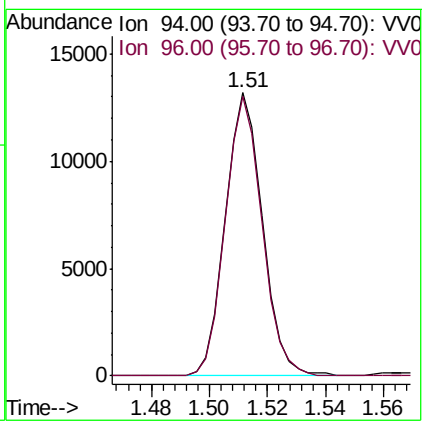


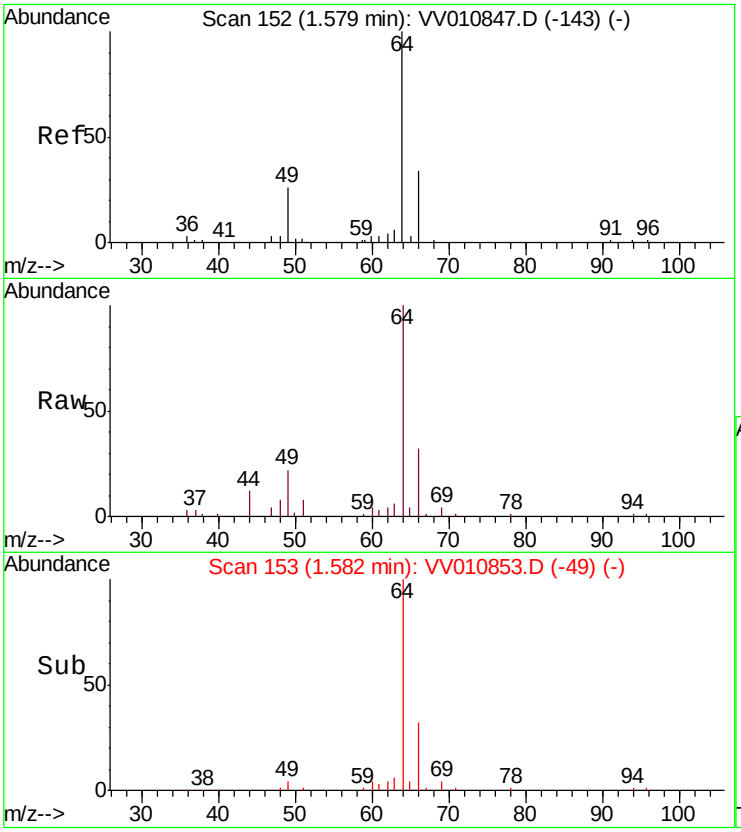


#6
Bromomethane
Concen: 28.412 ug/L
RT: 1.51 min Scan# 131
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 94 Resp: 11699

Ion	Ratio	Lower	Upper
94	100		
96	97.4	9.6	181.6



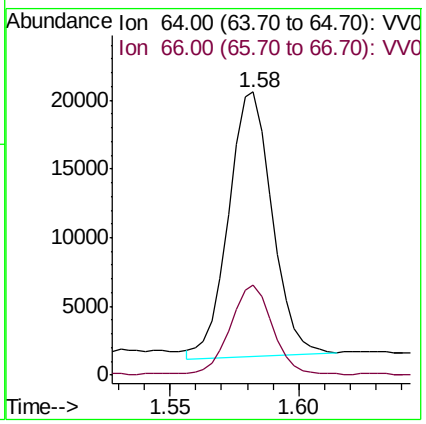


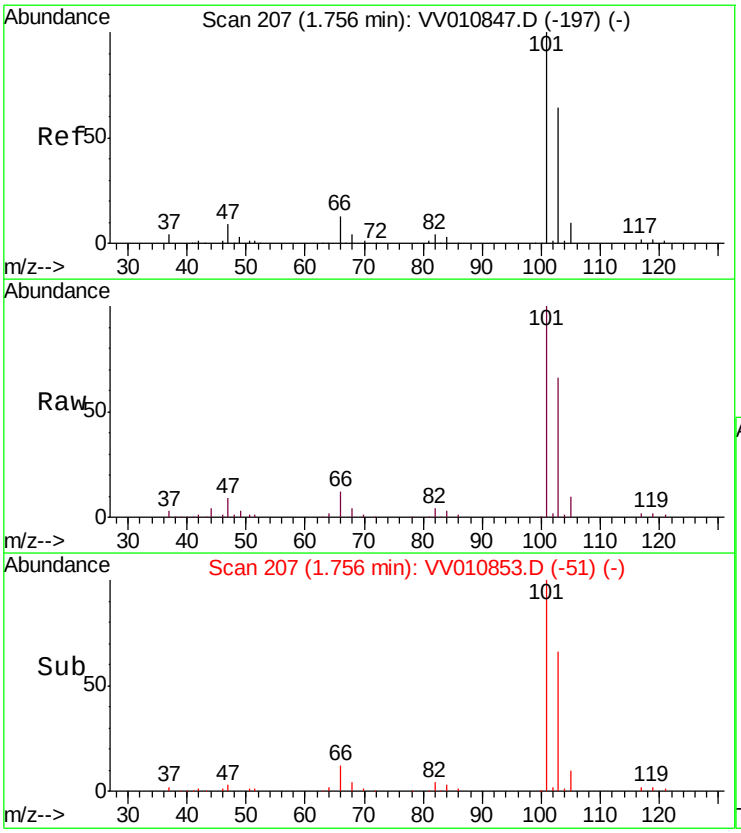
#8
Chloroethane
Concen: 24.772 ug/L
RT: 1.58 min Scan# 153
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 64 Resp: 22729

Ion	Ratio	Lower	Upper
64	100		
66	31.7	22.5	41.9

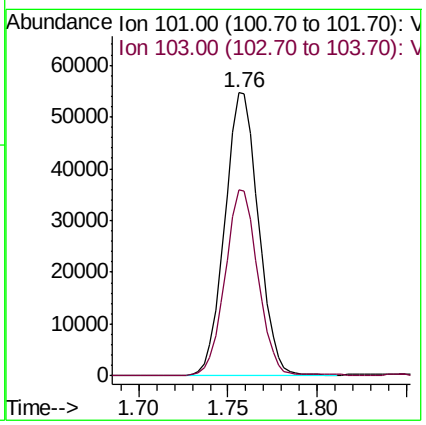


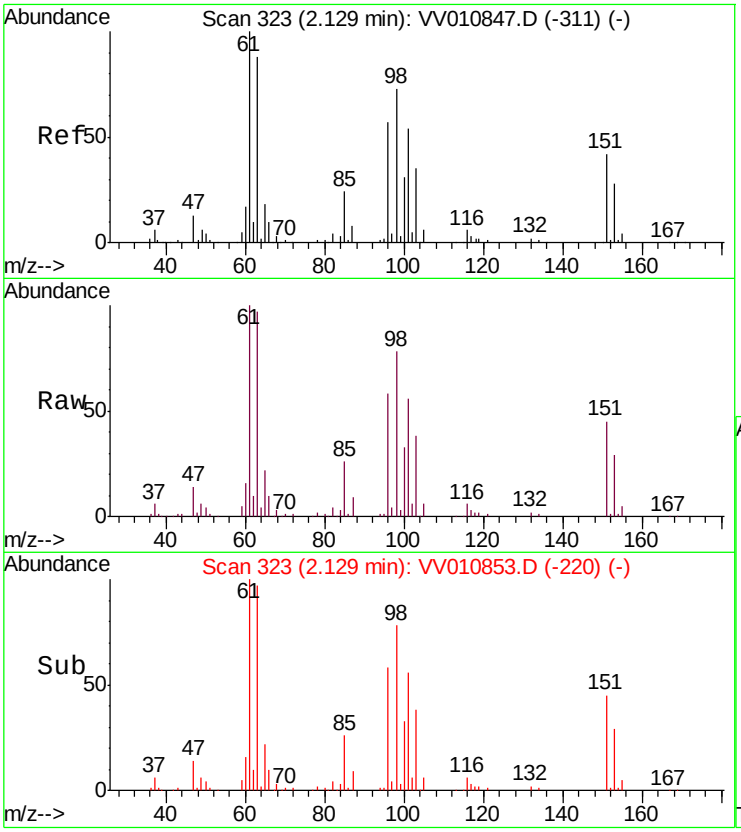


#9
Trichlorofluoromethane
Concen: 28.175 ug/L
RT: 1.76 min Scan# 207
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion:101 Resp: 71551

Ion	Ratio	Lower	Upper
101	100		
103	64.1	45.4	84.4



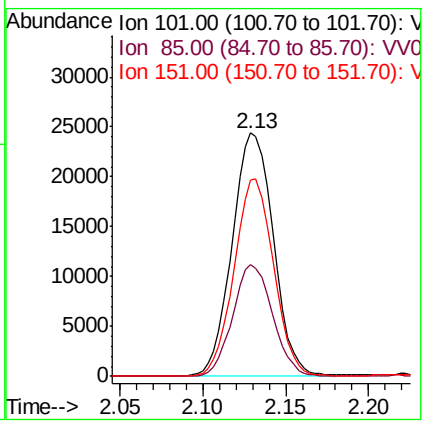


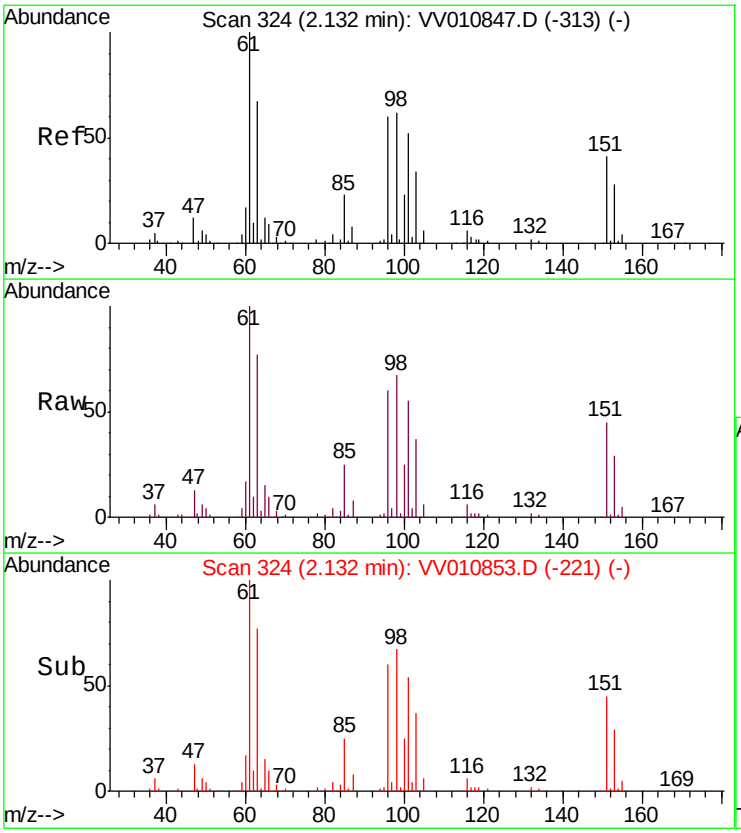
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.632 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion:101 Resp: 42326

Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.7	53.5
151	77.5	62.2	93.2

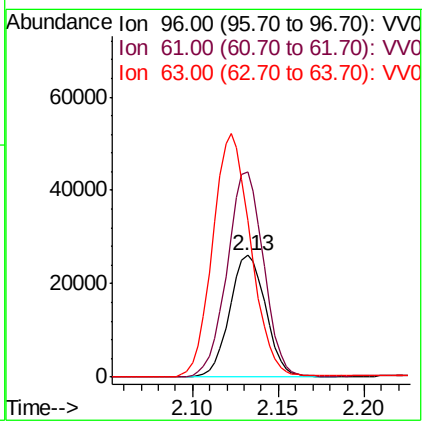


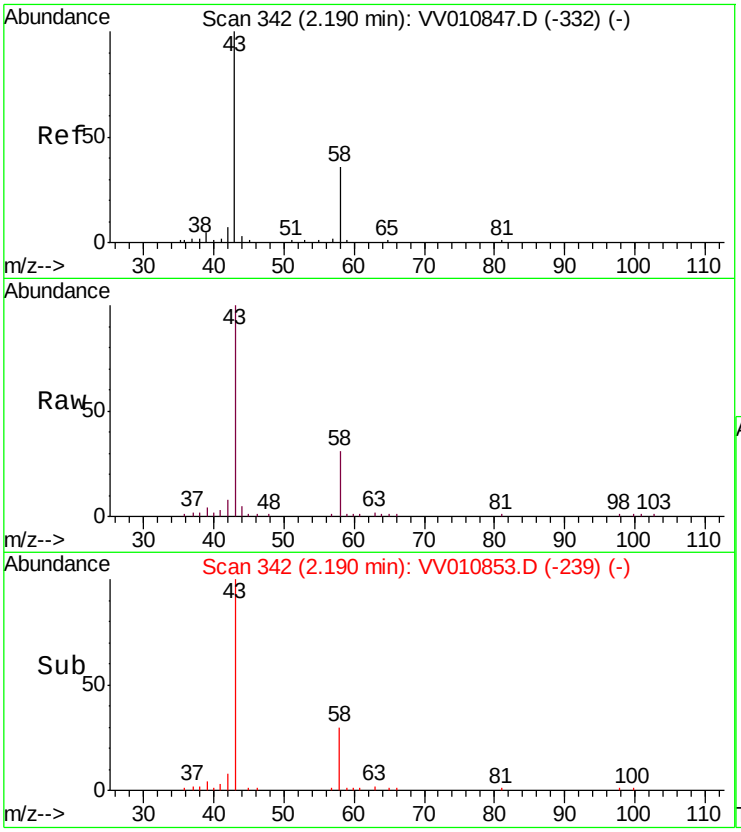


#12
1,1-Dichloroethene
Concen: 26.690 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 96 Resp: 38143

Ion	Ratio	Lower	Upper
96	100		
61	168.1	117.5	218.3
63	128.8	82.8	153.8



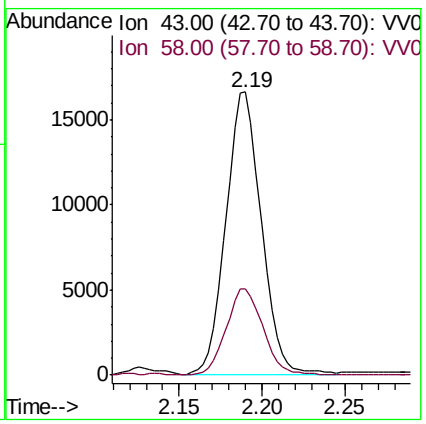


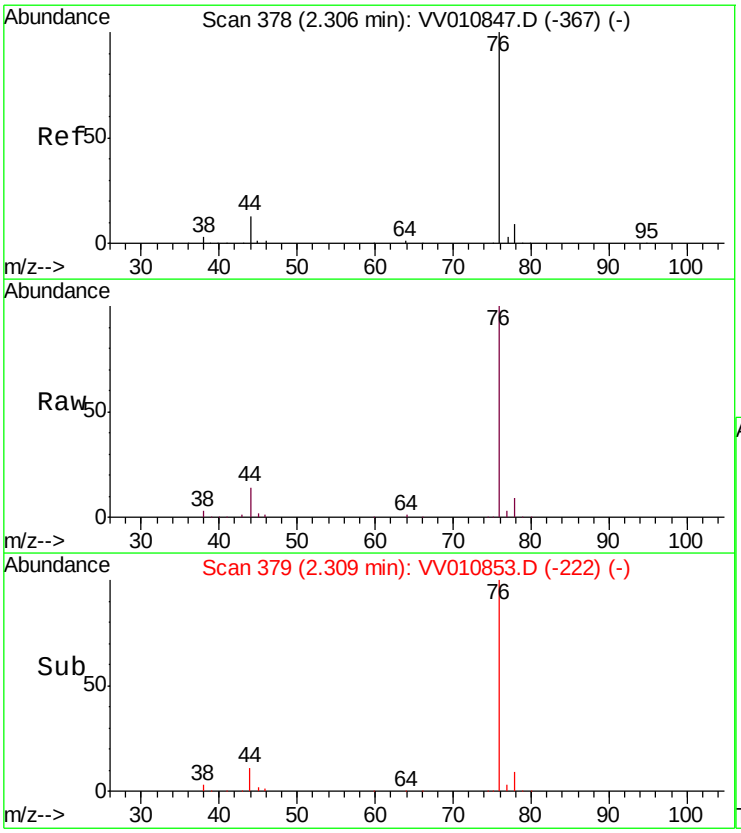
#13
Acetone
Concen: 49.186 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 43 Resp: 24904

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	69.2

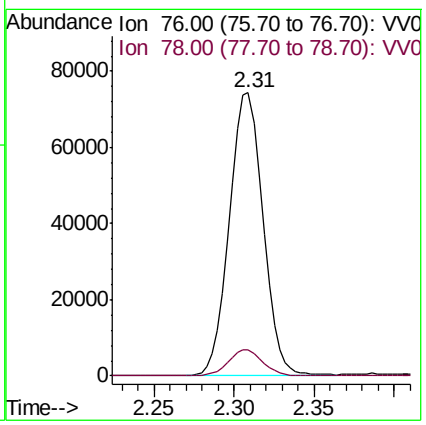


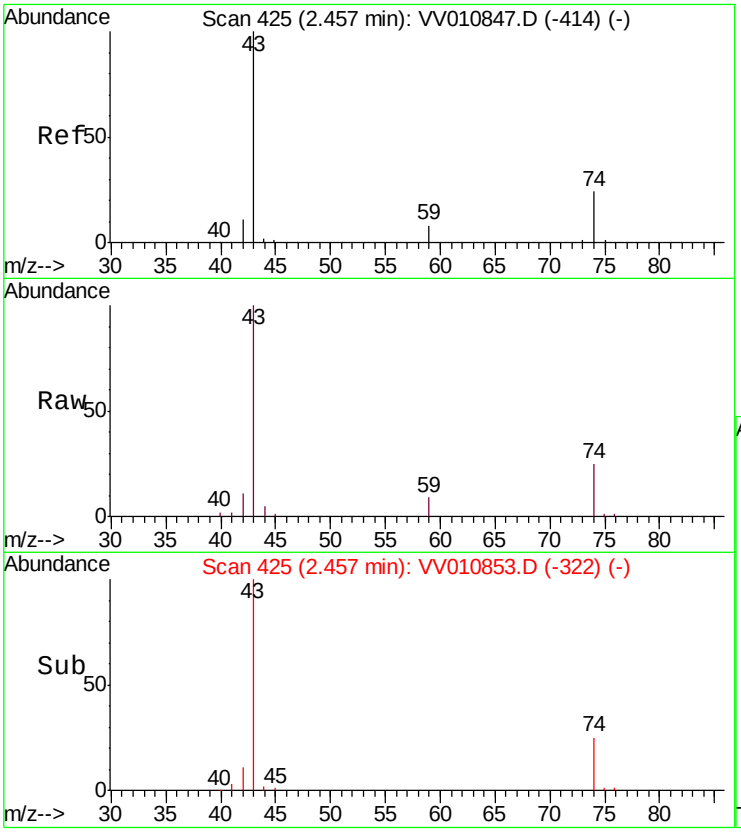


#14
Carbon disulfide
Concen: 24.812 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 76 Resp: 106809

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8



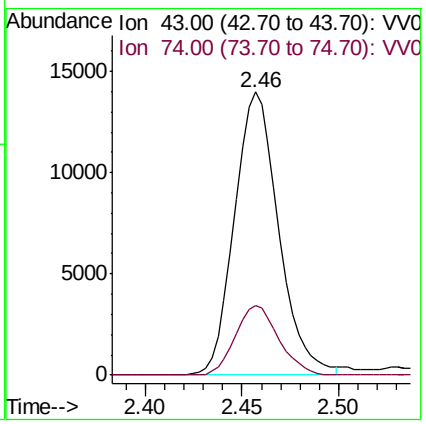


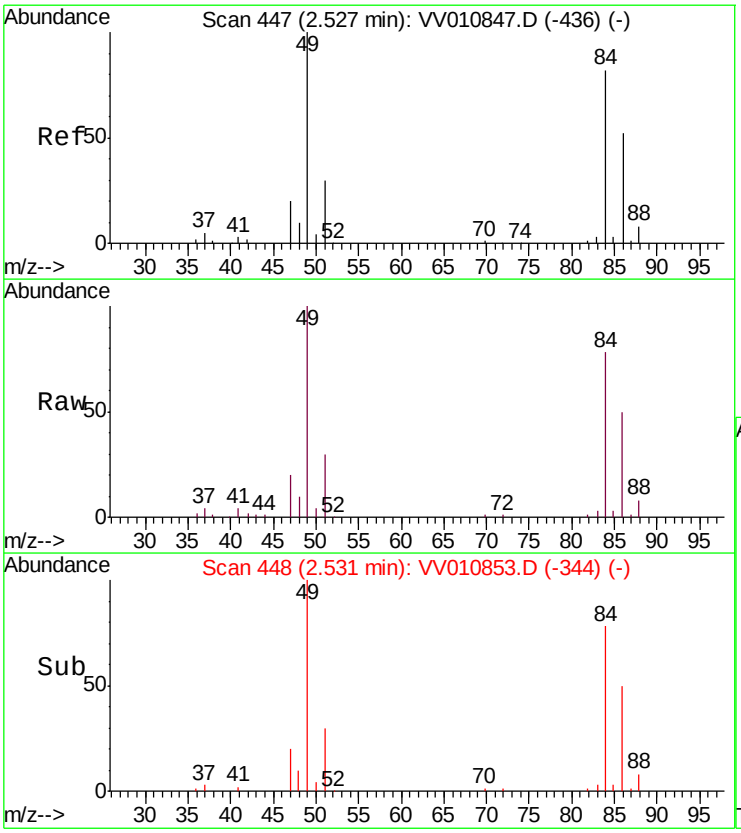
#15
Methyl Acetate
Concen: 21.063 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 43 Resp: 22213

Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.6	27.8

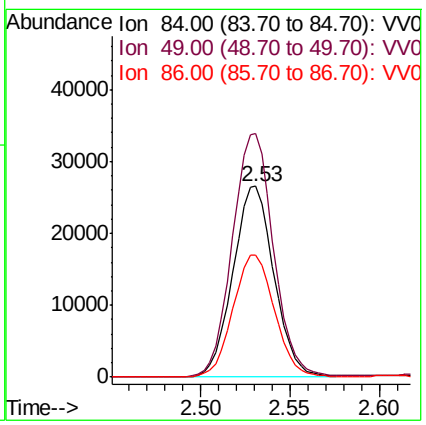


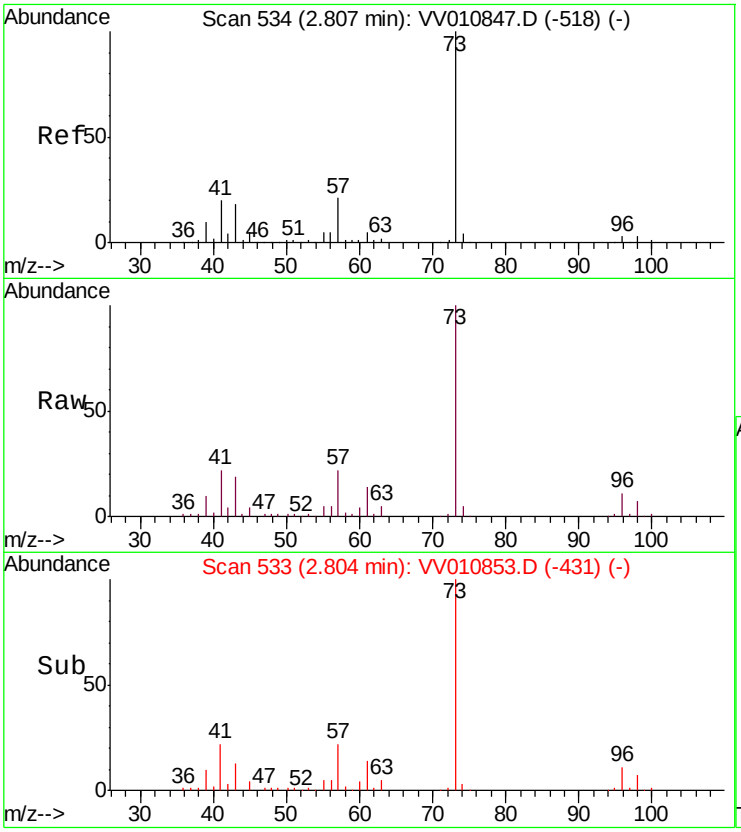


#16
Methylene chloride
Concen: 21.413 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 84 Resp: 42855

Ion	Ratio	Lower	Upper
84	100		
49	127.8	85.8	159.3
86	64.0	45.0	83.6



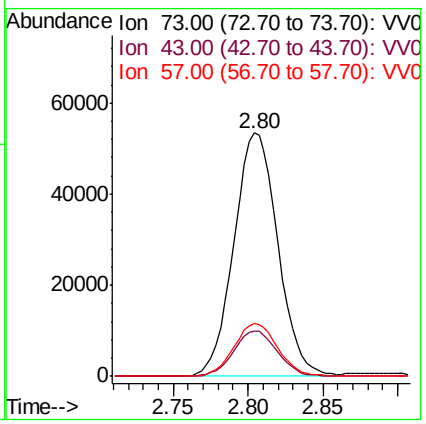


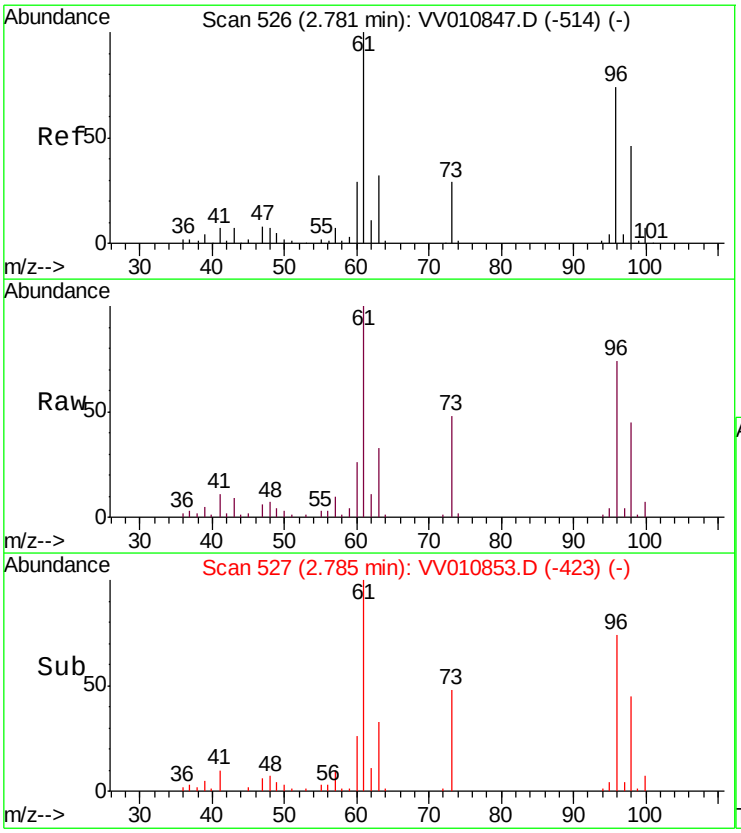
#17
Methyl tert-butyl Ether
Concen: 23.415 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument : MSVOA_V
ClientSampleId : VSTD02597

Tgt Ion: 73 Resp: 109263

Ion	Ratio	Lower	Upper
73	100		
43	18.7	15.3	22.9
57	21.6	17.5	26.3

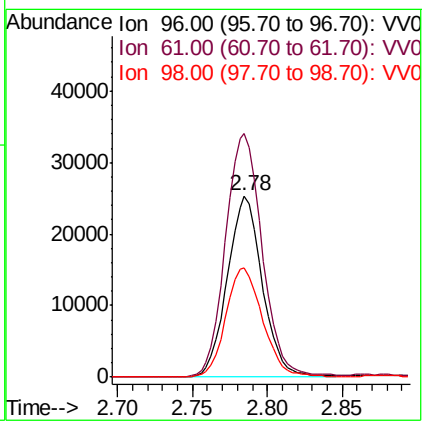


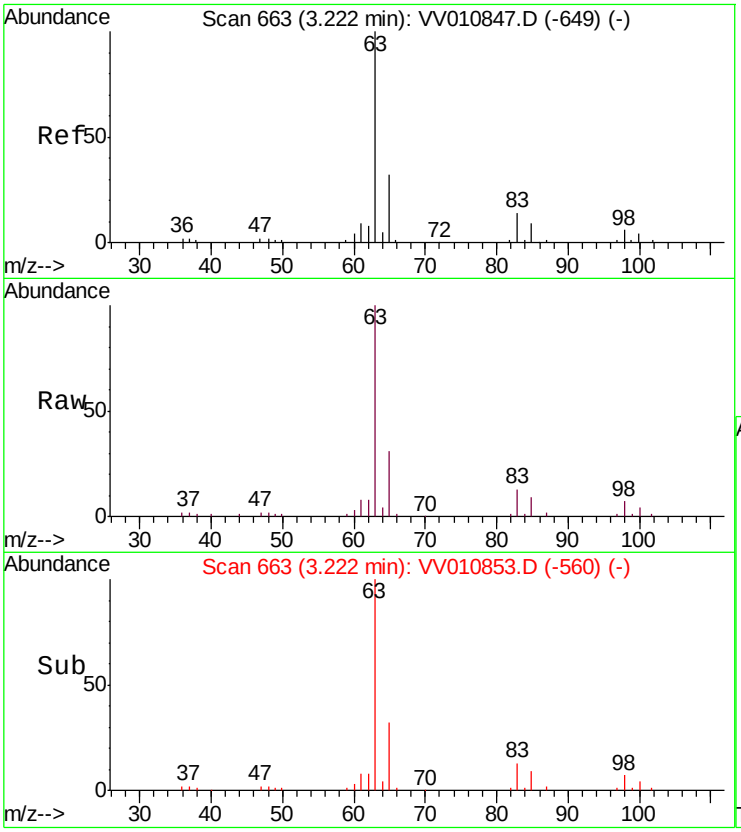


#18
trans-1,2-Dichloroethene
Concen: 24.340 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 96 Resp: 41436

Ion	Ratio	Lower	Upper
96	100		
61	134.6	95.0	176.4
98	60.3	43.3	80.3



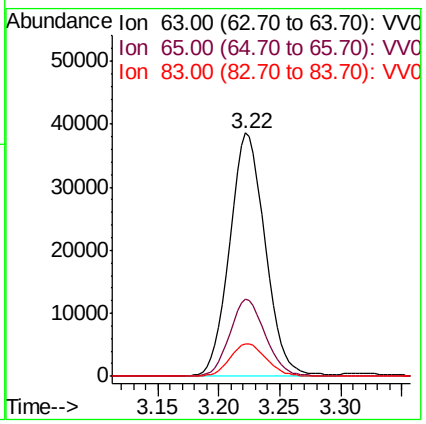


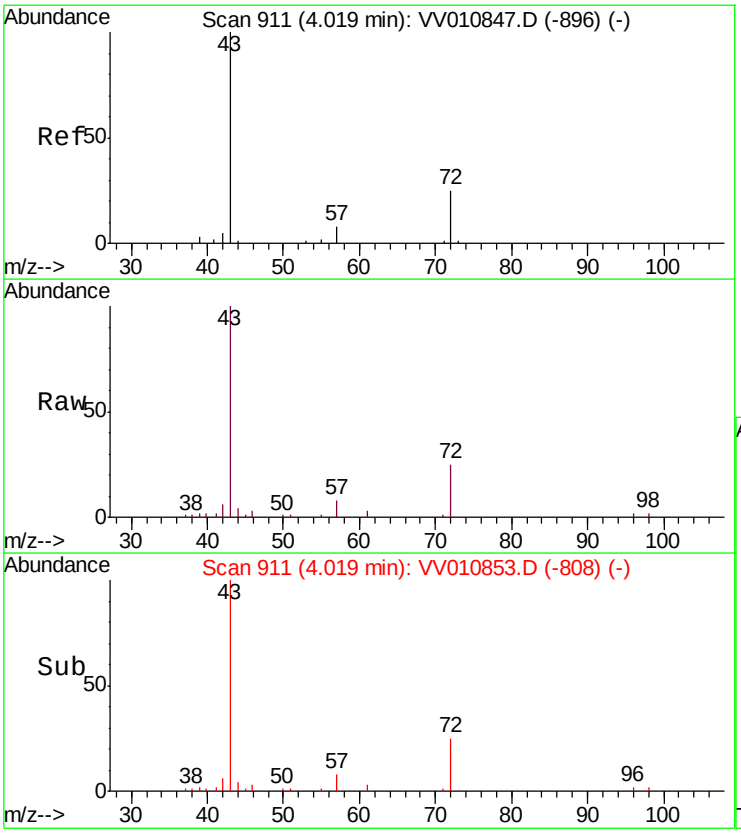
#19
1,1-Dichloroethane
Concen: 23.774 ug/L
RT: 3.22 min Scan# 663
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 63 Resp: 78354

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.1	41.1
83	13.4	9.7	17.9

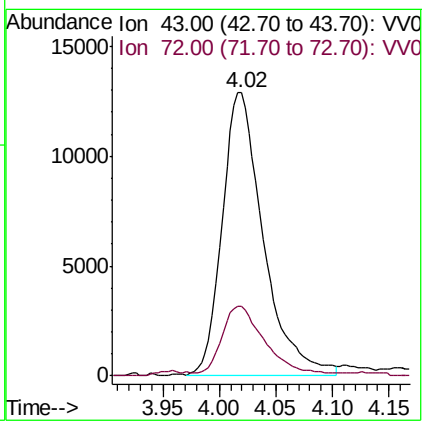


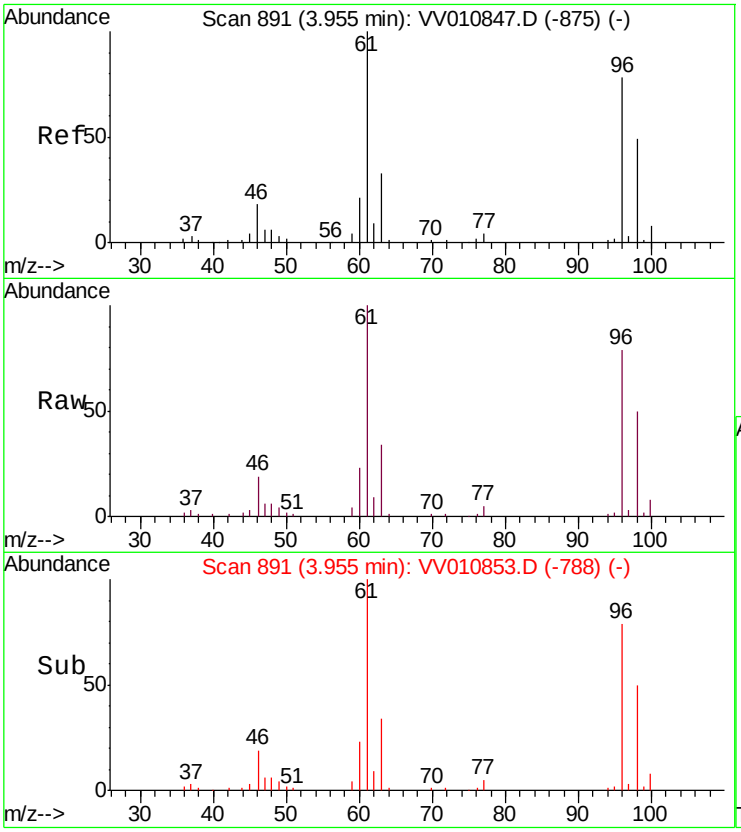


#21
2-Butanone
Concen: 50.192 ug/L
RT: 4.02 min Scan# 911
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 43 Resp: 32804

Ion	Ratio	Lower	Upper
43	100		
72	23.5	13.7	41.1



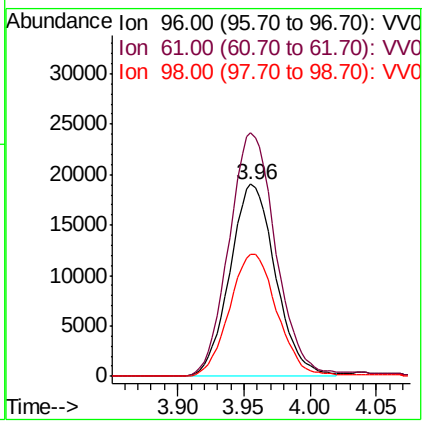


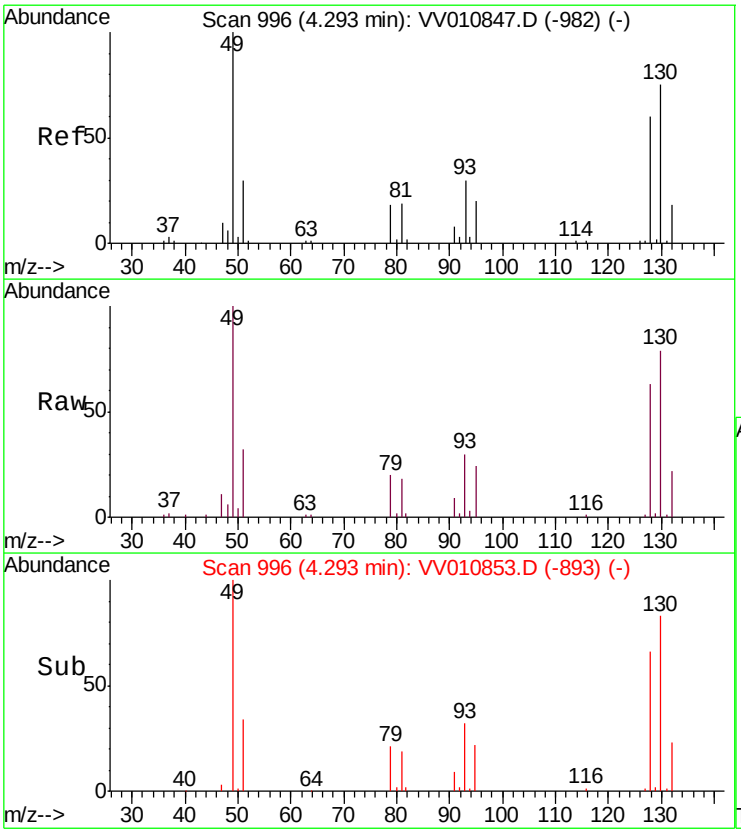
#22
cis-1,2-Dichloroethene
Concen: 22.957 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 96 Resp: 45735

Ion	Ratio	Lower	Upper
96	100		
61	126.8	90.2	167.6
98	63.7	44.2	82.0

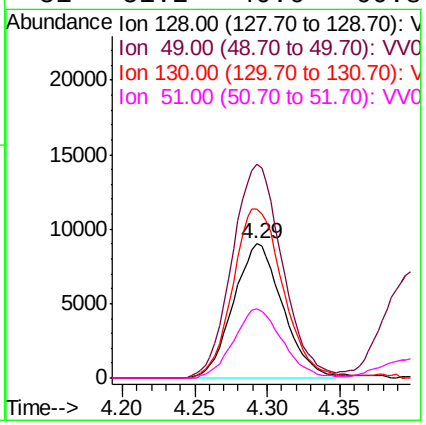


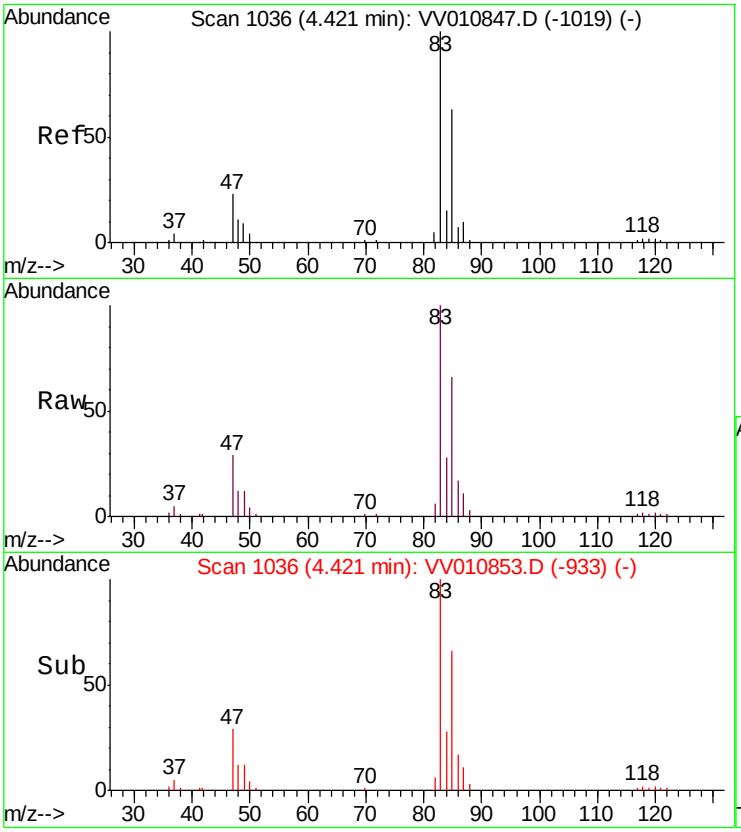


#23
Bromochloromethane
Concen: 22.948 ug/L
RT: 4.29 min Scan# 996
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion:128 Resp: 21296

Ion	Ratio	Lower	Upper
128	100		
49	159.2	117.8	218.8
130	125.5	88.4	164.2
51	51.2	40.6	60.8



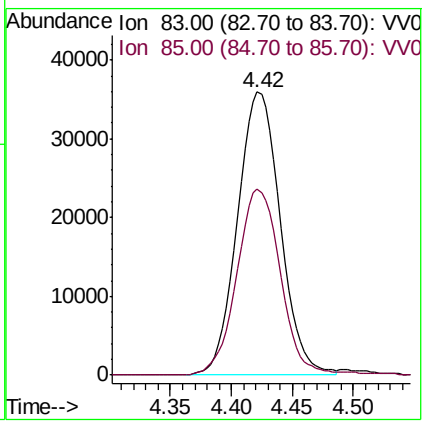


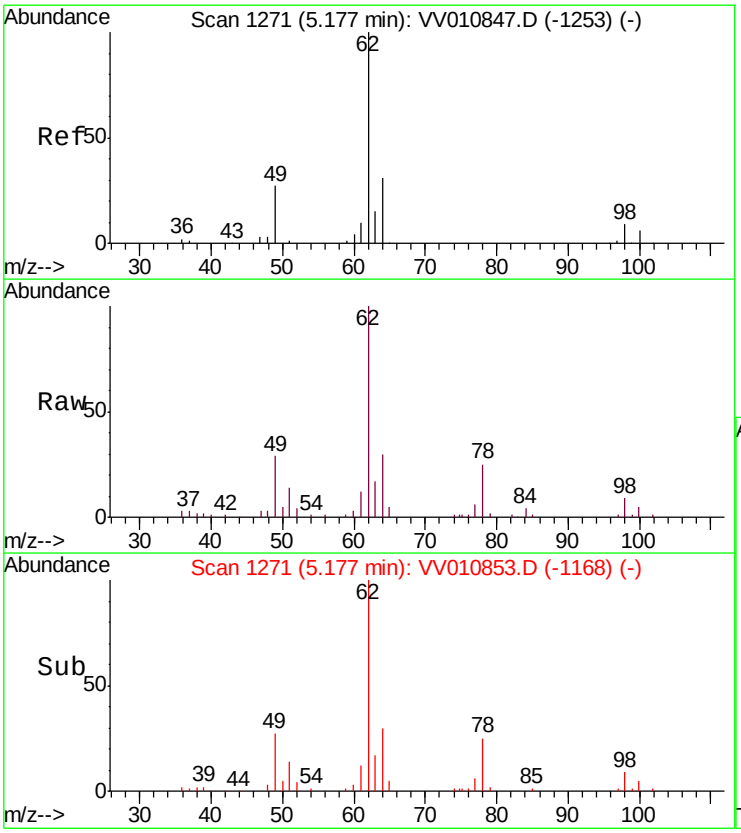
#25
Chloroform
Concen: 24.470 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 83 Resp: 87487

Ion	Ratio	Lower	Upper
83	100		
85	67.3	45.3	84.1

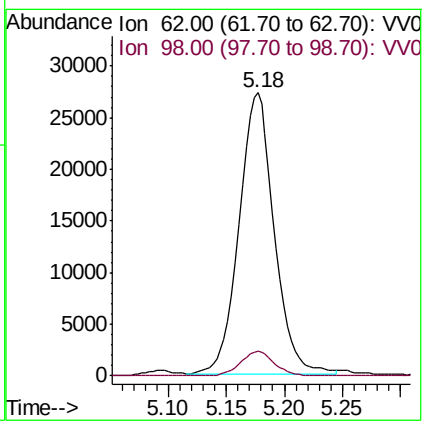


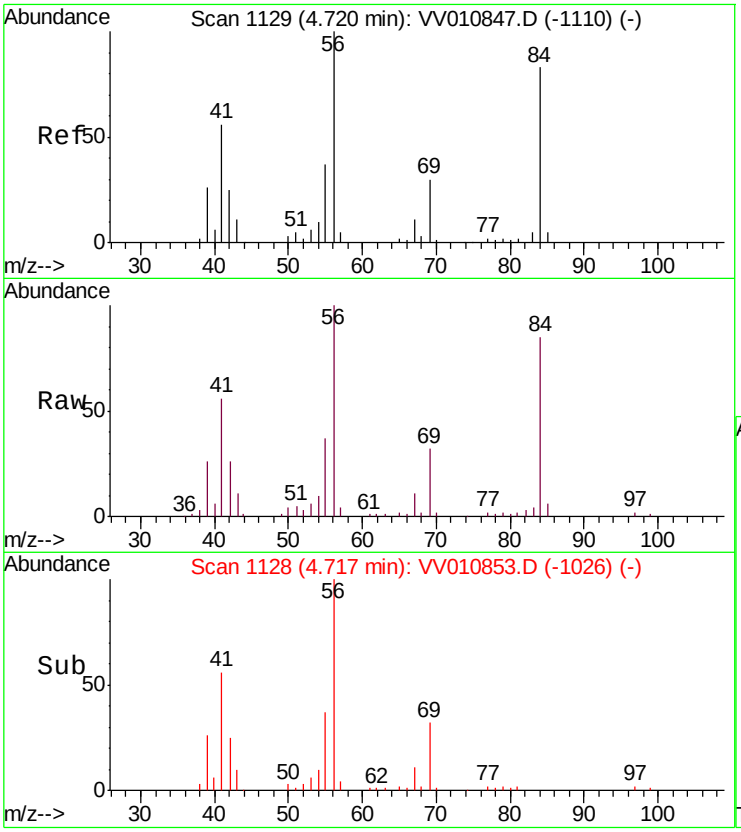


#27
1,2-Dichloroethane
Concen: 23.006 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 62 Resp: 57389

Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.0	10.4



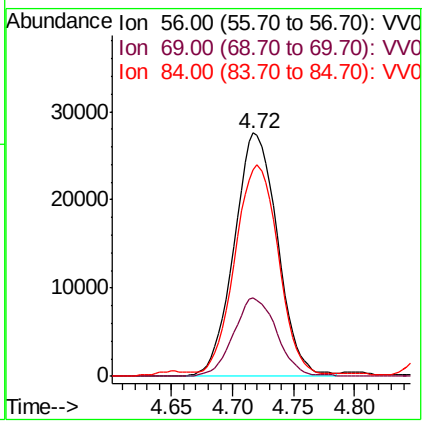


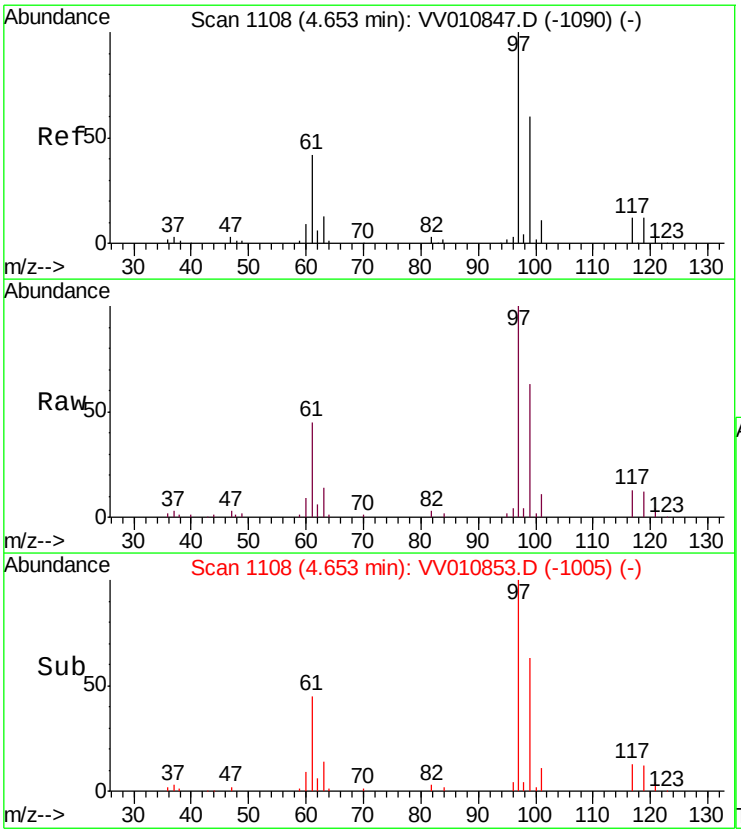
#30
Cyclohexane
Concen: 28.529 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument : MSVOA_V
ClientSampleId : VSTD02597

Tgt Ion: 56 Resp: 68033

Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.2	37.8
84	86.0	69.0	103.4

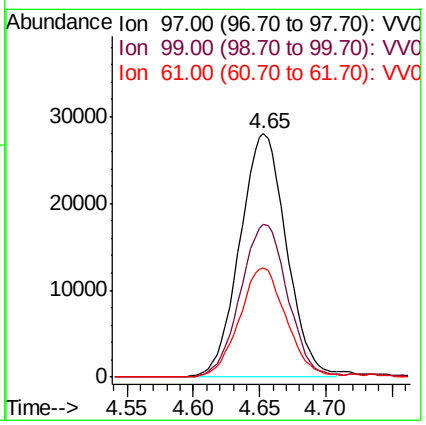


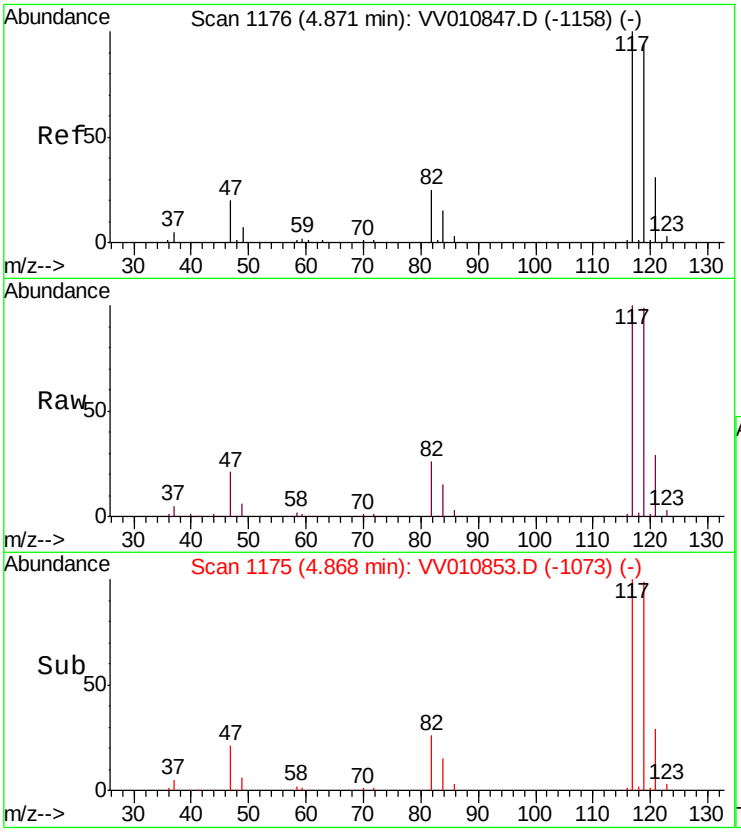


#31
1,1,1-Trichloroethane
Concen: 25.485 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 97 Resp: 68657

Ion	Ratio	Lower	Upper
97	100		
99	63.4	49.4	74.2
61	44.9	34.6	51.8



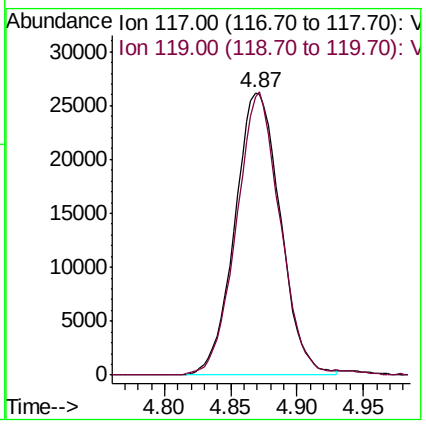


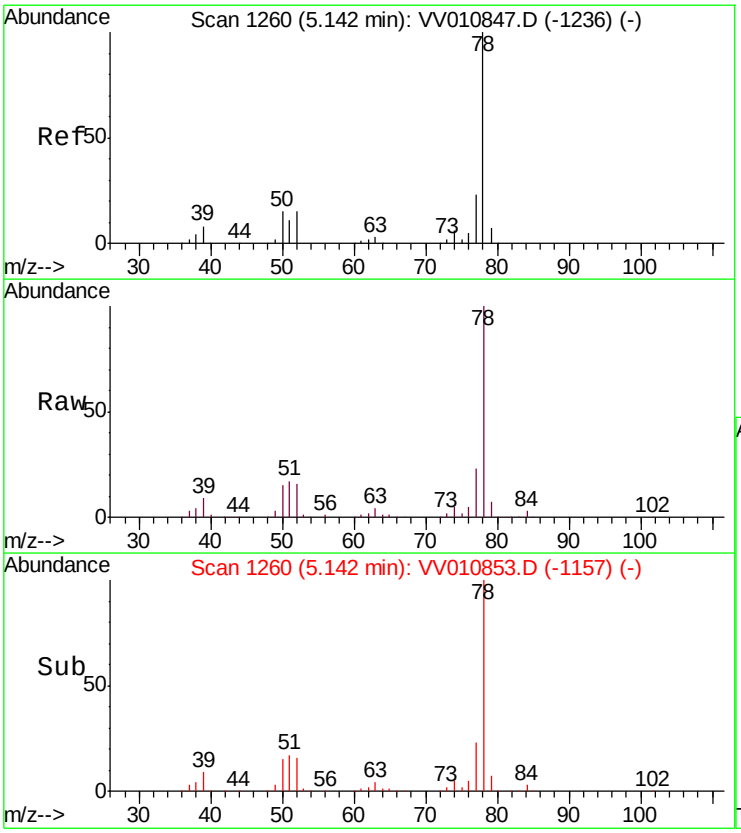
#32
Carbon tetrachloride
Concen: 27.281 ug/L
RT: 4.87 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion:117 Resp: 62718

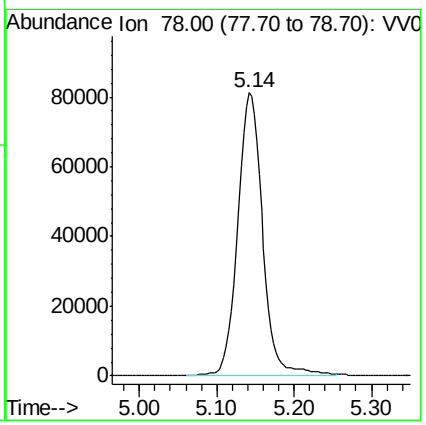
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.5	114.7

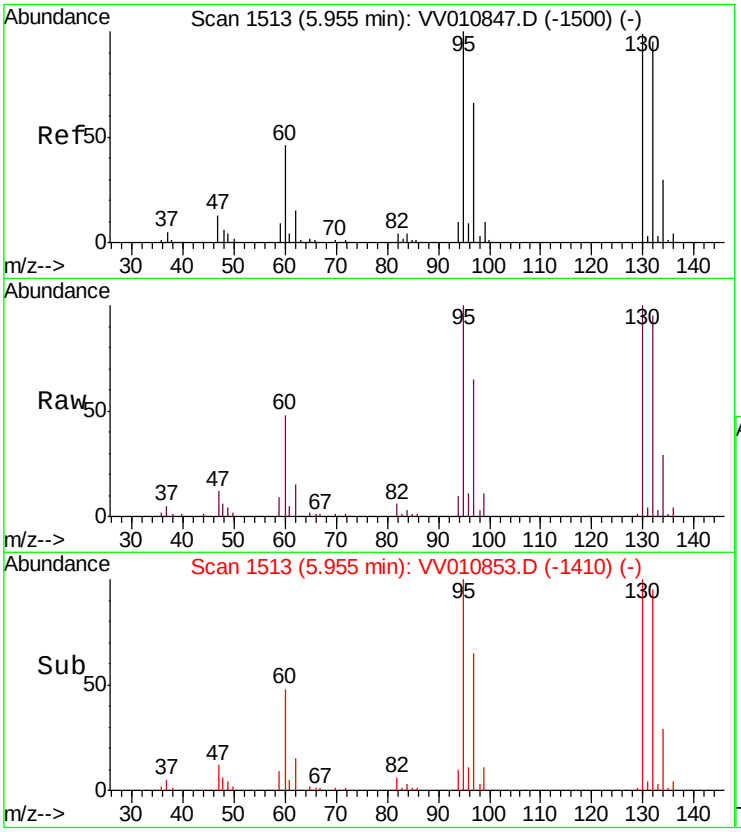




#34
Benzene
Concen: 25.132 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 78 Resp: 181688



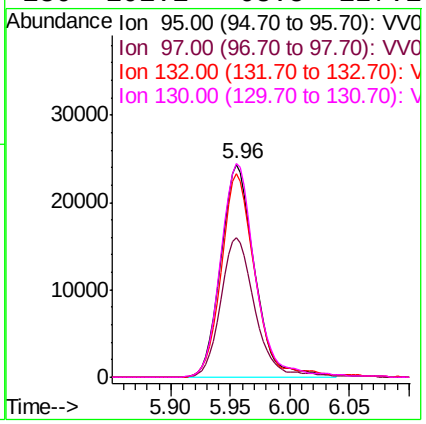


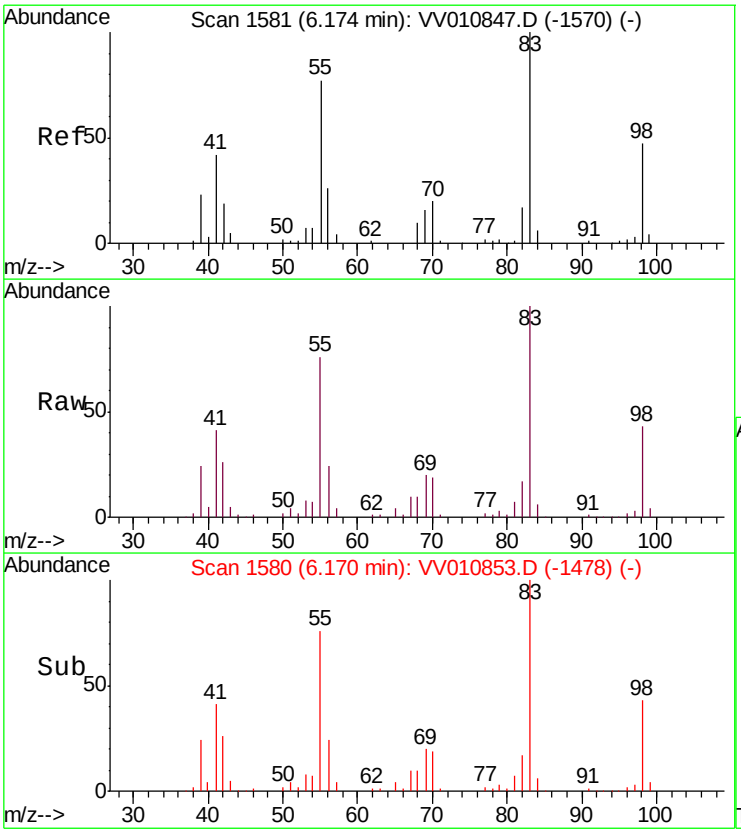
#35
Trichloroethene
Concen: 25.605 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 95 Resp: 47978

Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.0	85.4
132	93.5	67.4	125.2
130	101.1	68.5	127.1

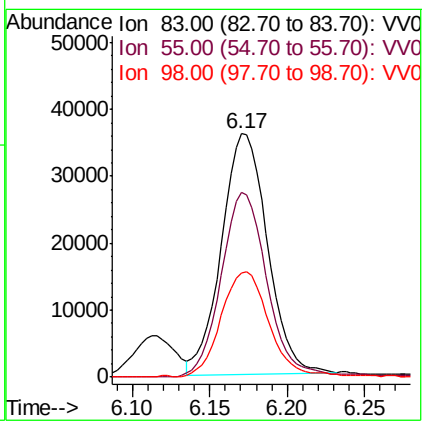


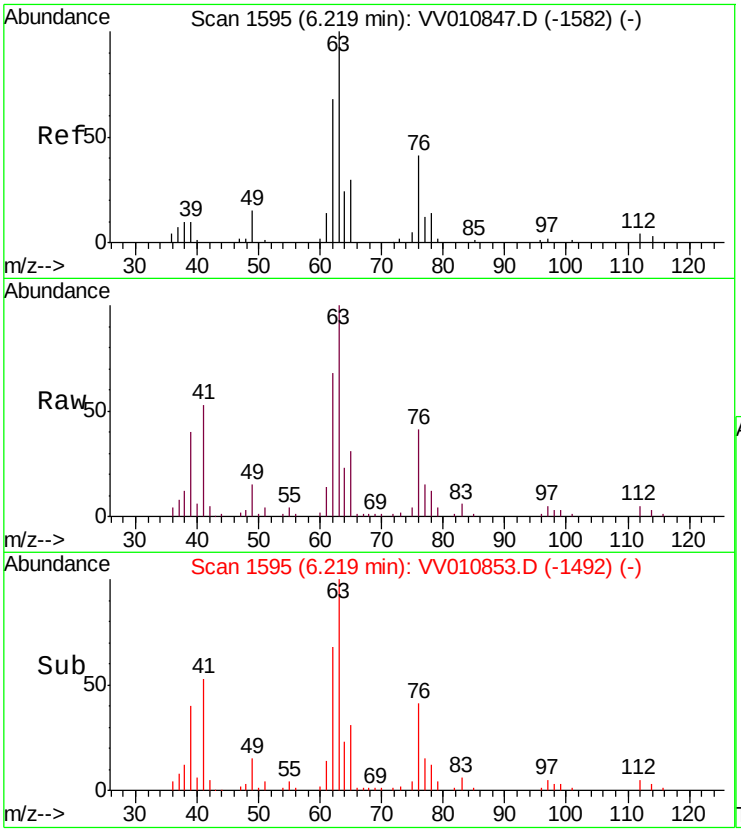


#36
Methylcyclohexane
Concen: 28.383 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 83 Resp: 74008

Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.0	91.4
98	45.7	37.2	55.8



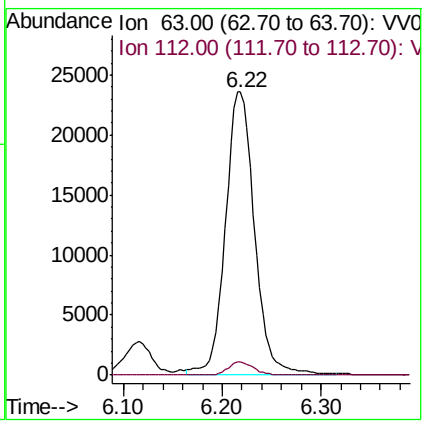


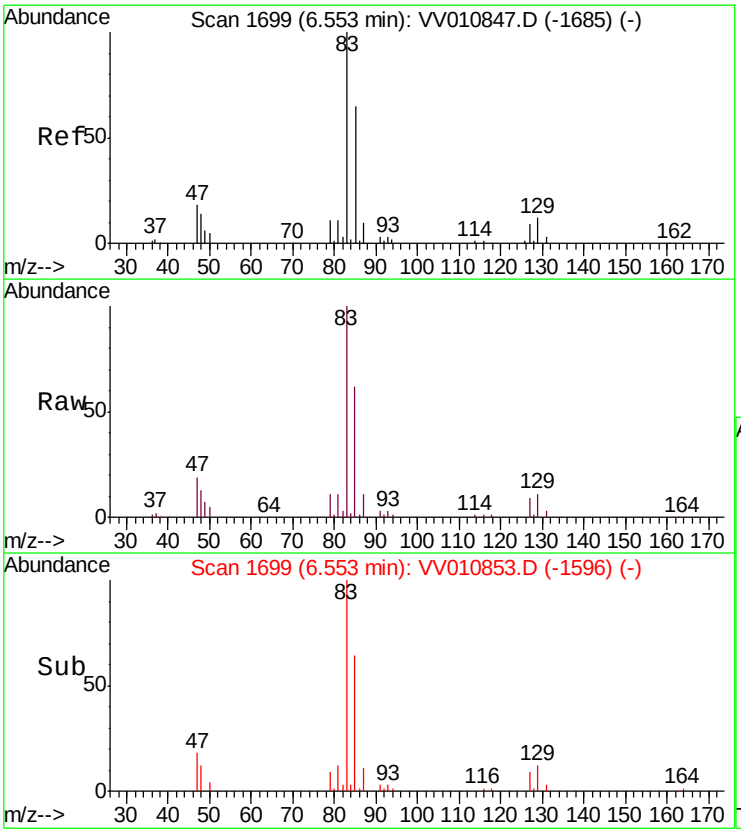
#40
1,2-Dichloropropane
Concen: 24.805 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument : MSVOA_V
ClientSampleId : VSTD02597

Tgt Ion: 63 Resp: 48843

Ion	Ratio	Lower	Upper
63	100		
112	4.0	3.2	4.8

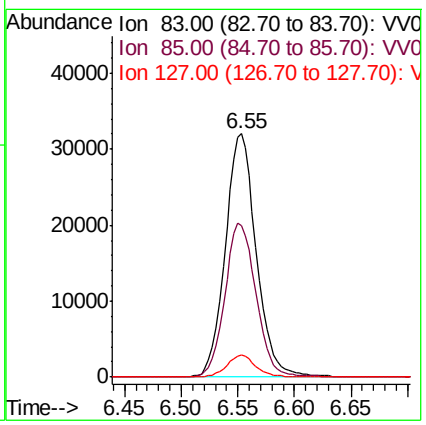


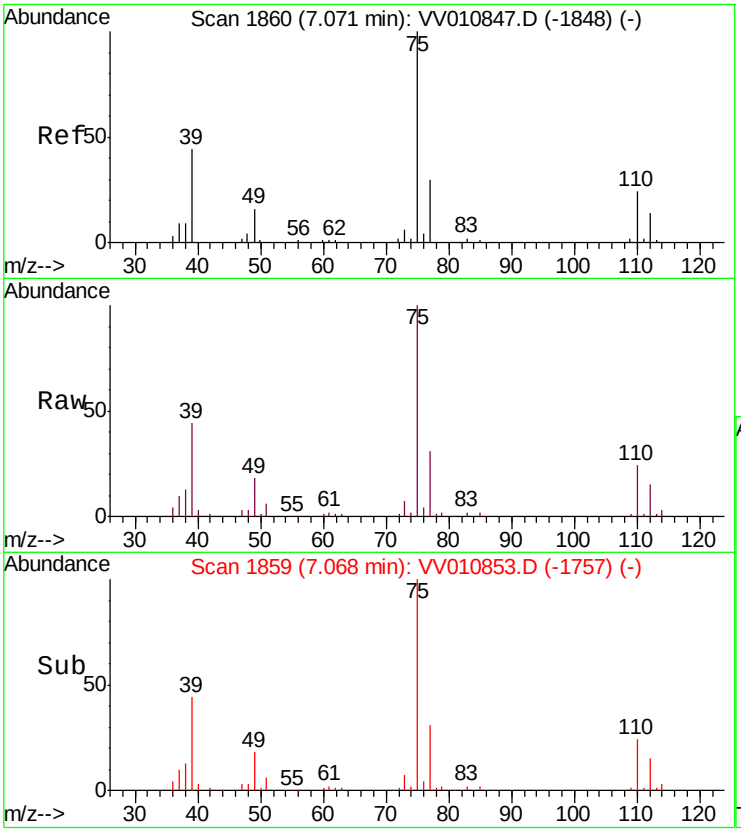


#41
Bromodichloromethane
Concen: 24.162 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 83 Resp: 61007

Ion	Ratio	Lower	Upper
83	100		
85	62.3	45.3	84.1
127	9.0	7.4	11.2



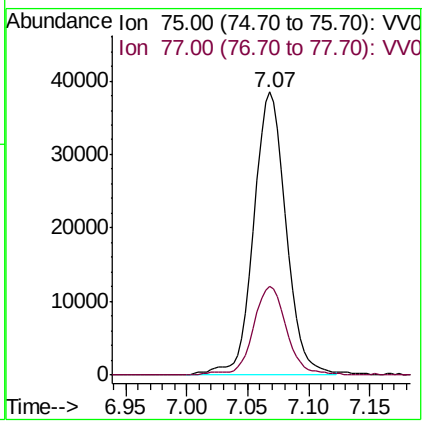


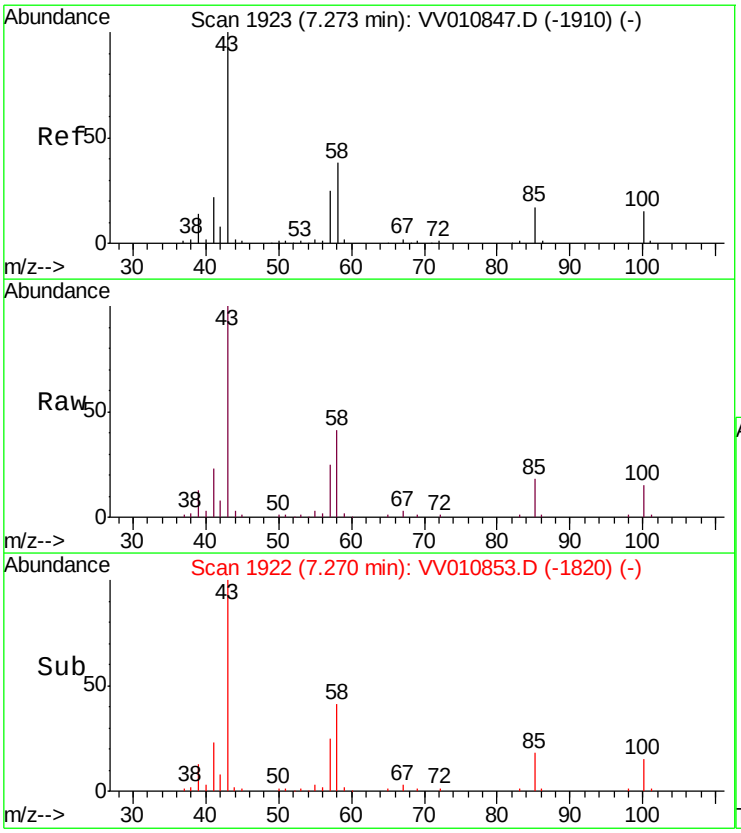
#42
cis-1,3-Dichloropropene
Concen: 24.578 ug/L
RT: 7.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument : MSVOA_V
ClientSampleId : VSTD02597

Tgt Ion: 75 Resp: 70606

Ion	Ratio	Lower	Upper
75	100		
77	31.3	21.5	39.9

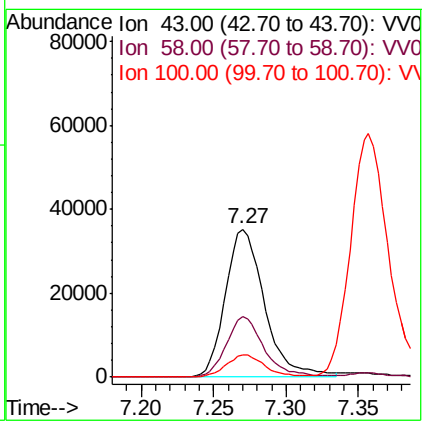


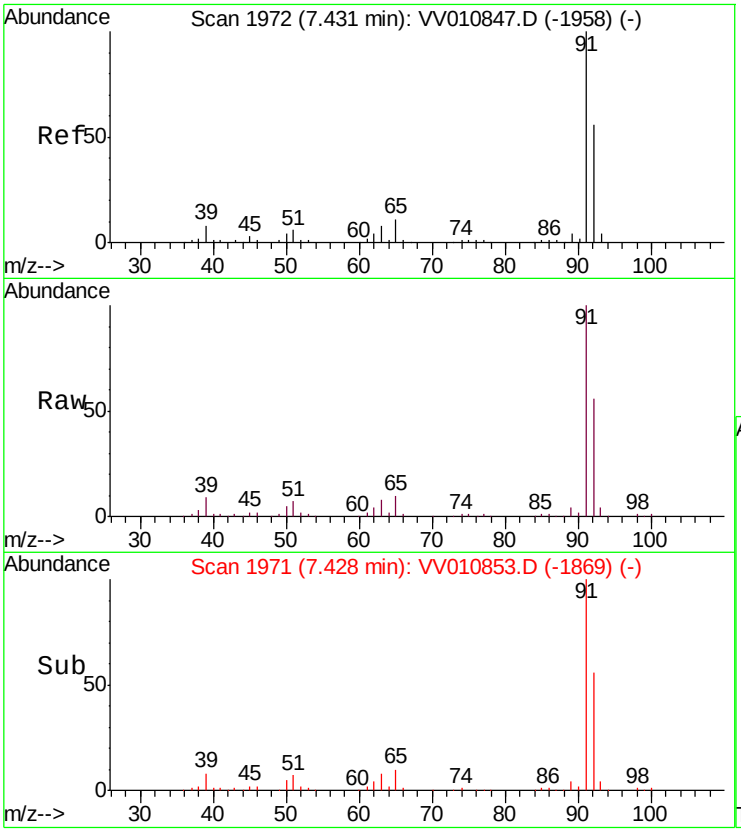


#43
4-Methyl-2-pentanone
Concen: 47.609 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 43 Resp: 66205

Ion	Ratio	Lower	Upper
43	100		
58	39.1	30.0	45.0
100	14.6	11.2	16.8



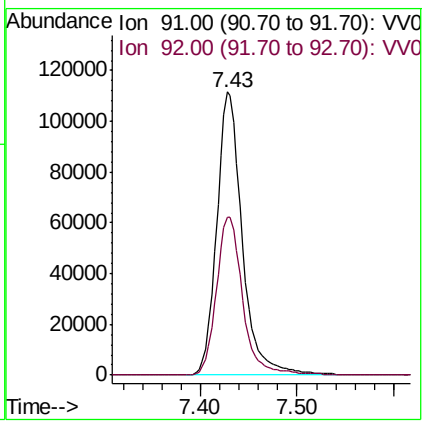


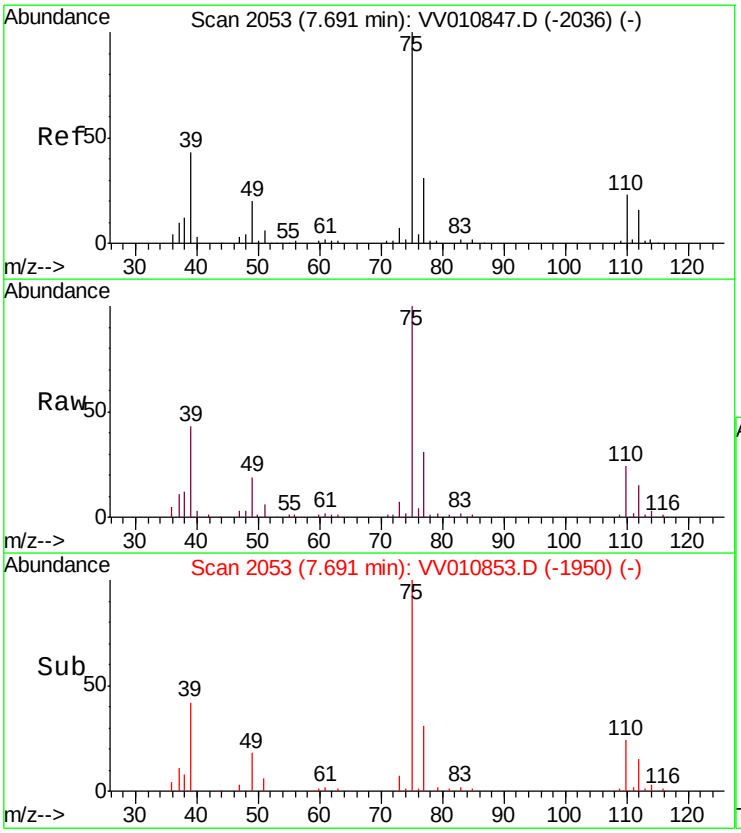
#44
Toluene
Concen: 25.466 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 91 Resp: 204650

Ion	Ratio	Lower	Upper
91	100		
92	55.9	39.1	72.7

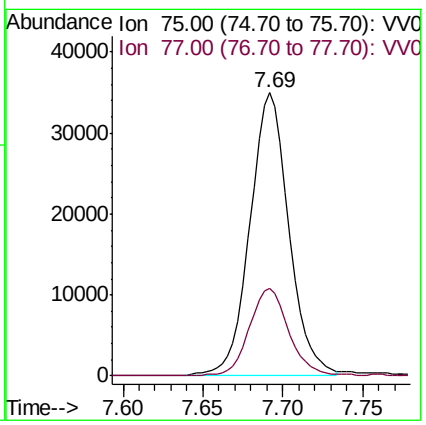


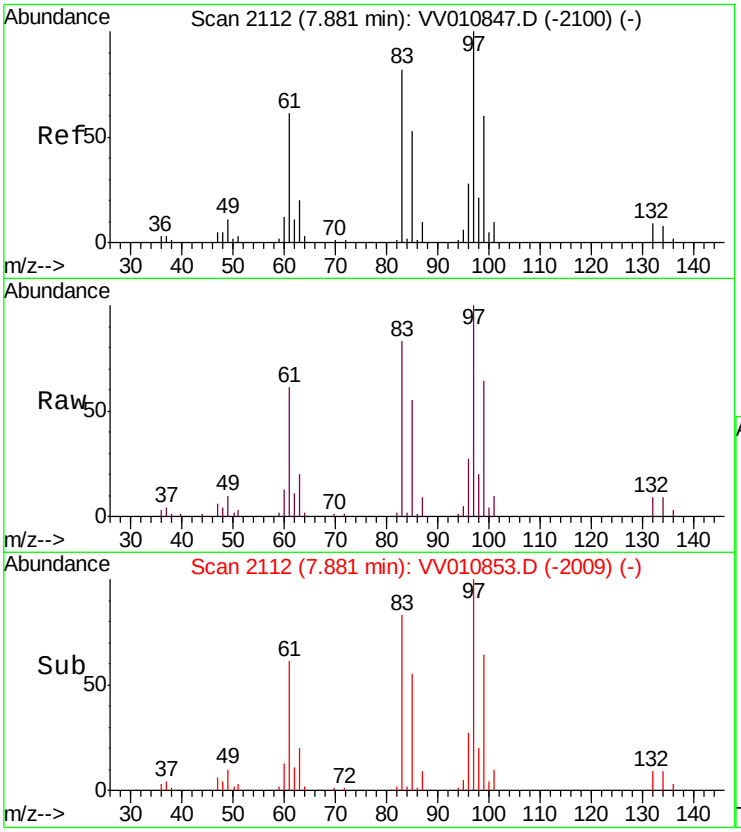


#45
trans-1,3-Dichloropropene
Concen: 23.906 ug/L
RT: 7.69 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 75 Resp: 58041

Ion	Ratio	Lower	Upper
75	100		
77	31.0	21.6	40.0



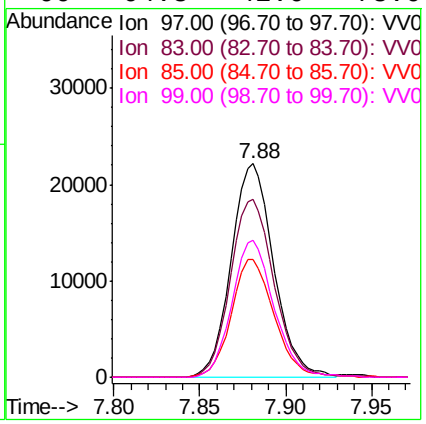


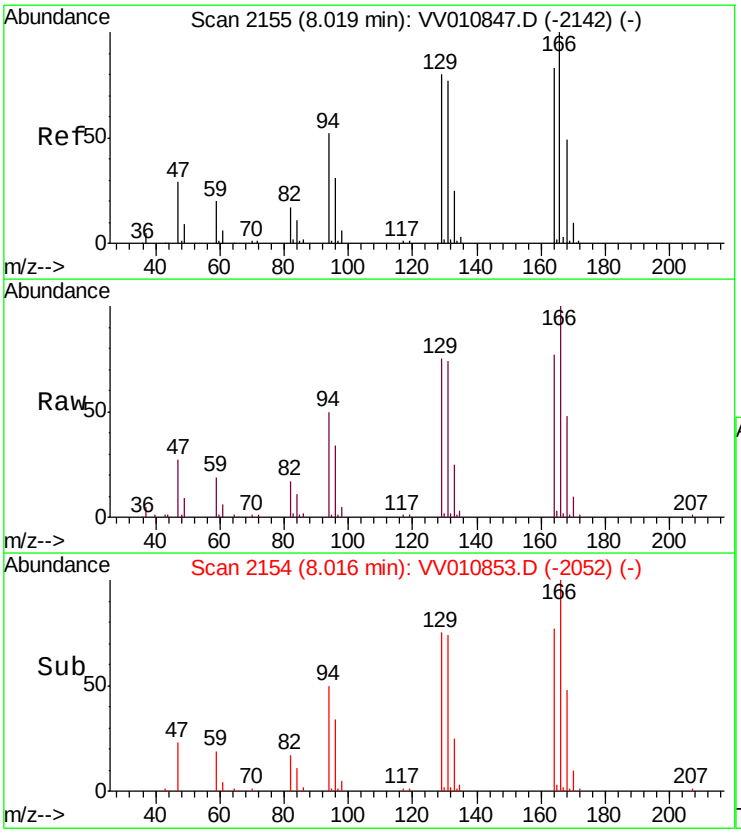
#46
1,1,2-Trichloroethane
Concen: 24.115 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 97 Resp: 38242

Ion	Ratio	Lower	Upper
97	100		
83	83.1	57.2	106.2
85	55.3	37.4	69.4
99	64.3	42.0	78.0

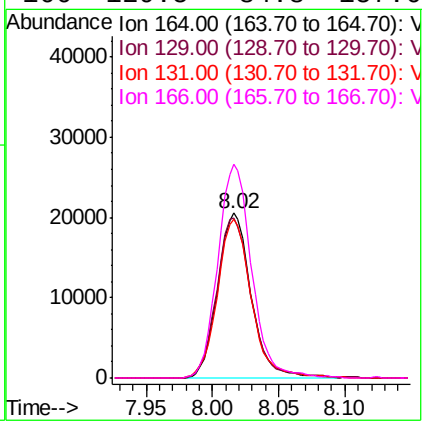


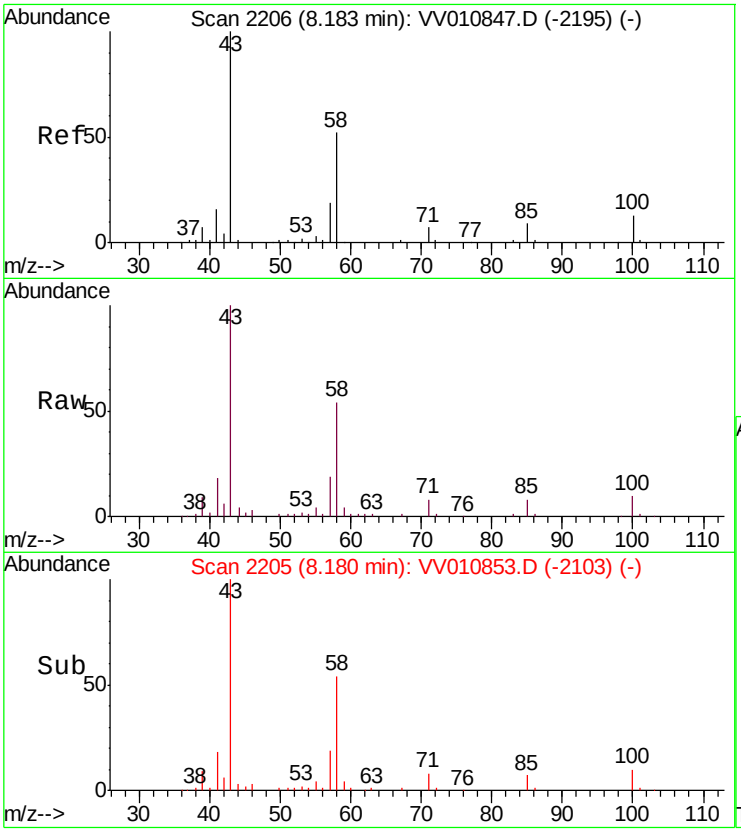


#47
Tetrachloroethene
Concen: 26.075 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion:164 Resp: 36102

Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.6	125.6
131	96.5	65.1	120.9
166	129.5	84.8	157.6



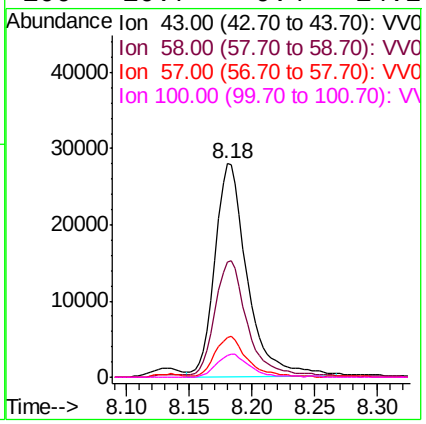


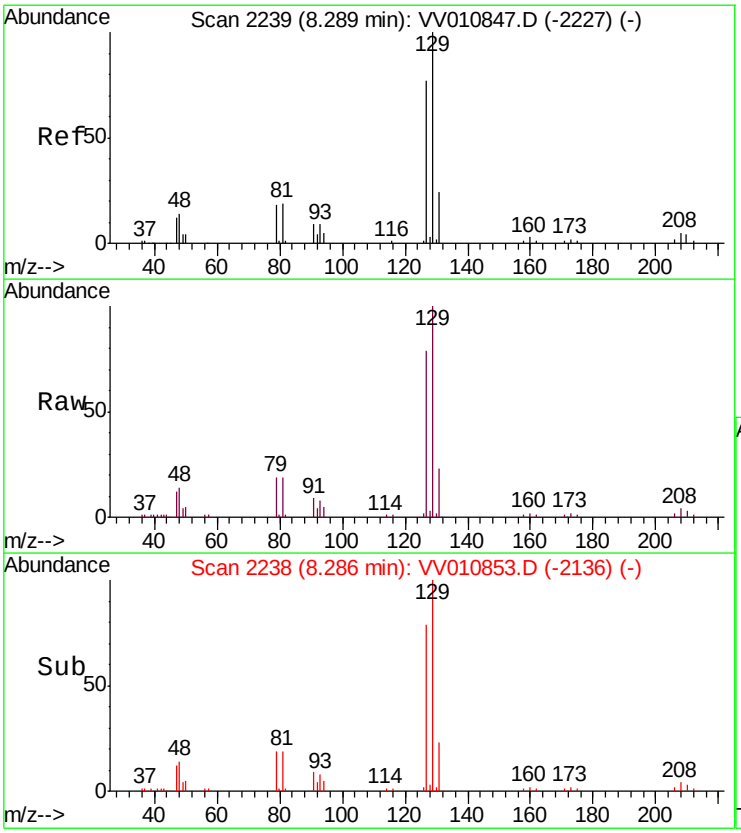
#49
2-Hexanone
Concen: 49.024 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument : MSVOA_V
ClientSampleId : VSTD02597

Tgt Ion: 43 Resp: 50349

Ion	Ratio	Lower	Upper
43	100		
58	52.4	41.0	61.6
57	17.6	14.3	21.5
100	10.7	9.4	14.2

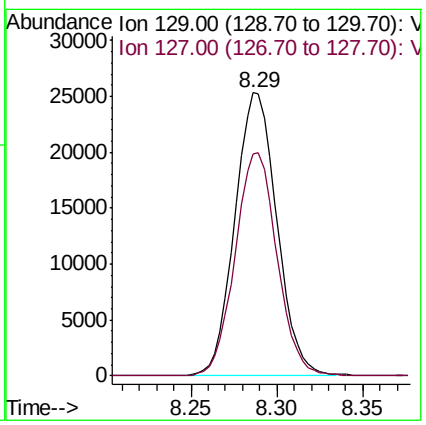


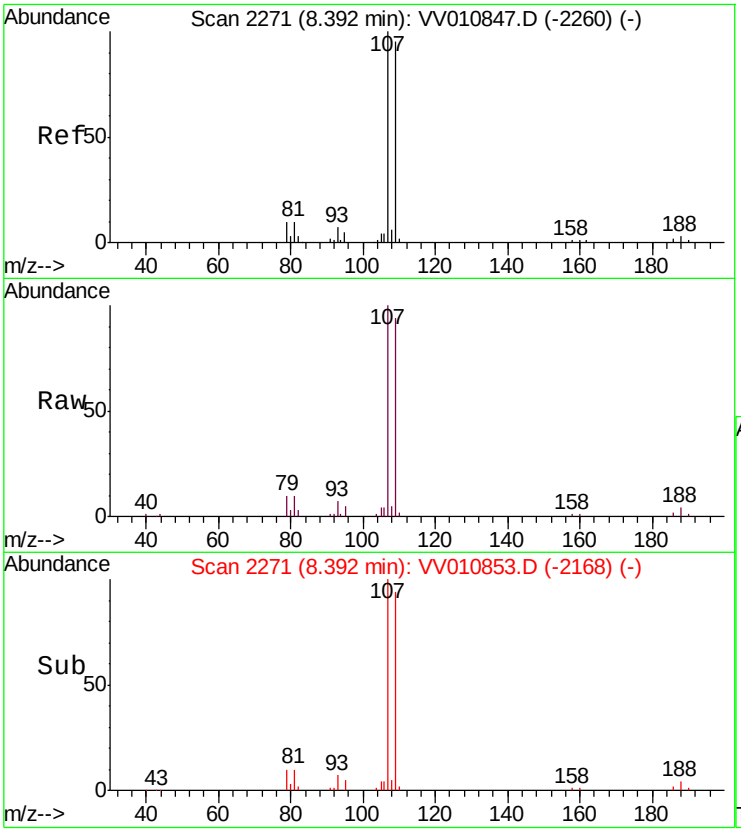


#50
Dibromochloromethane
Concen: 24.334 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion:129 Resp: 42923

Ion	Ratio	Lower	Upper
129	100		
127	78.6	53.8	100.0



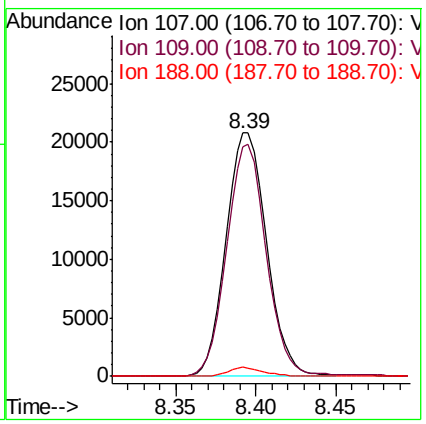


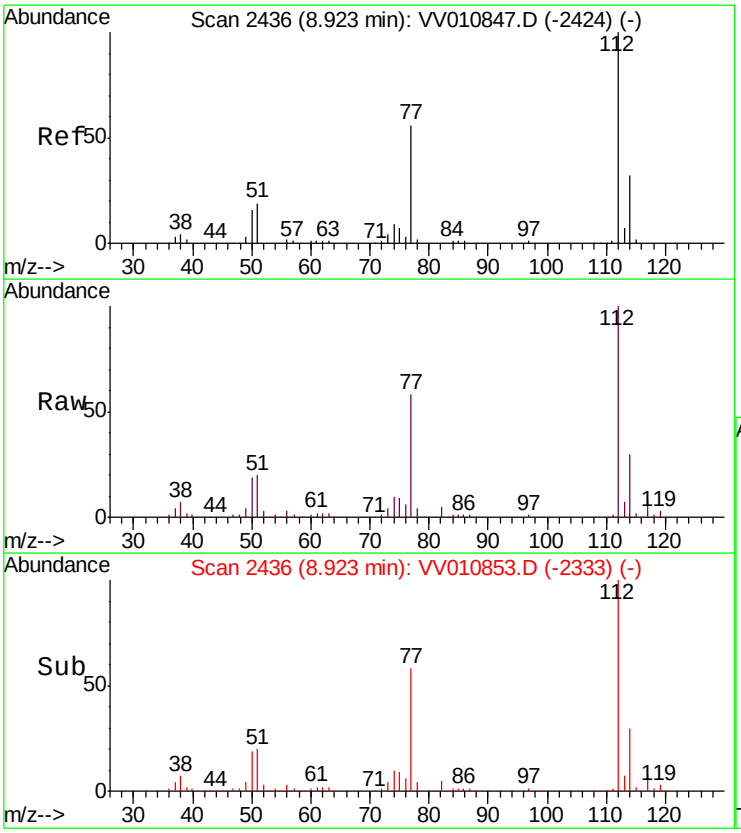
#51
1,2-Dibromoethane
Concen: 24.084 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion:107 Resp: 35981

Ion	Ratio	Lower	Upper
107	100		
109	94.0	66.7	123.9
188	3.9	2.7	4.1

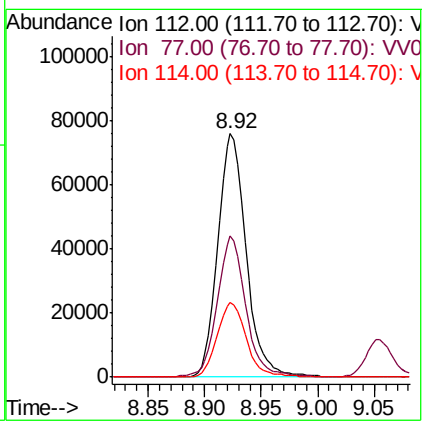


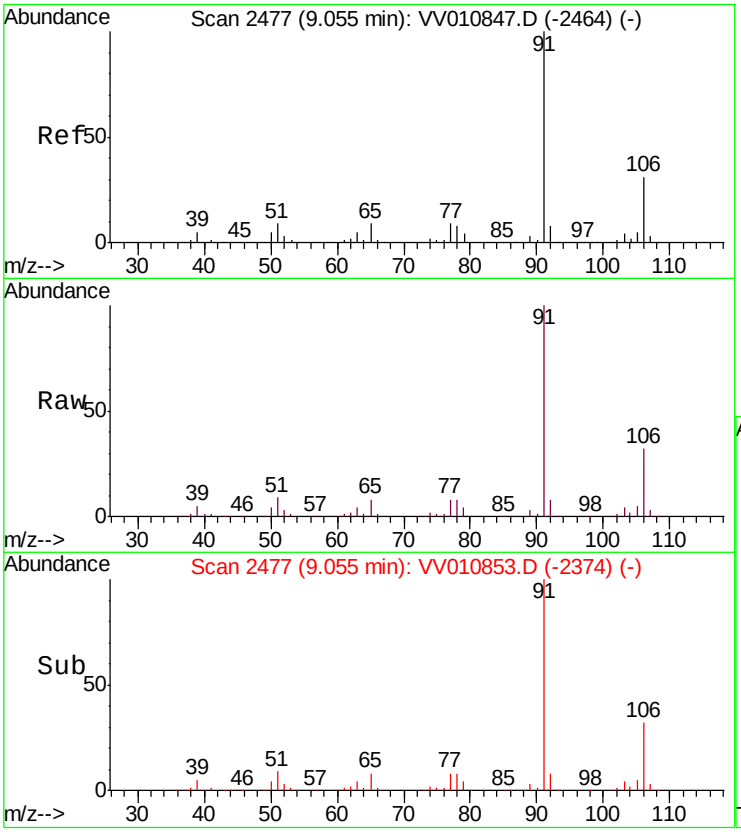


#52
Chlorobenzene
Concen: 24.291 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion:112 Resp: 132949

Ion	Ratio	Lower	Upper
112	100		
77	57.8	45.4	68.0
114	30.5	22.4	41.6



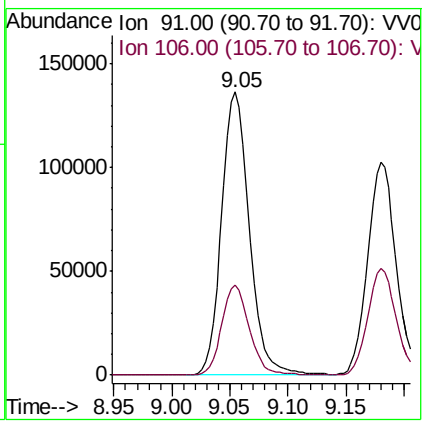


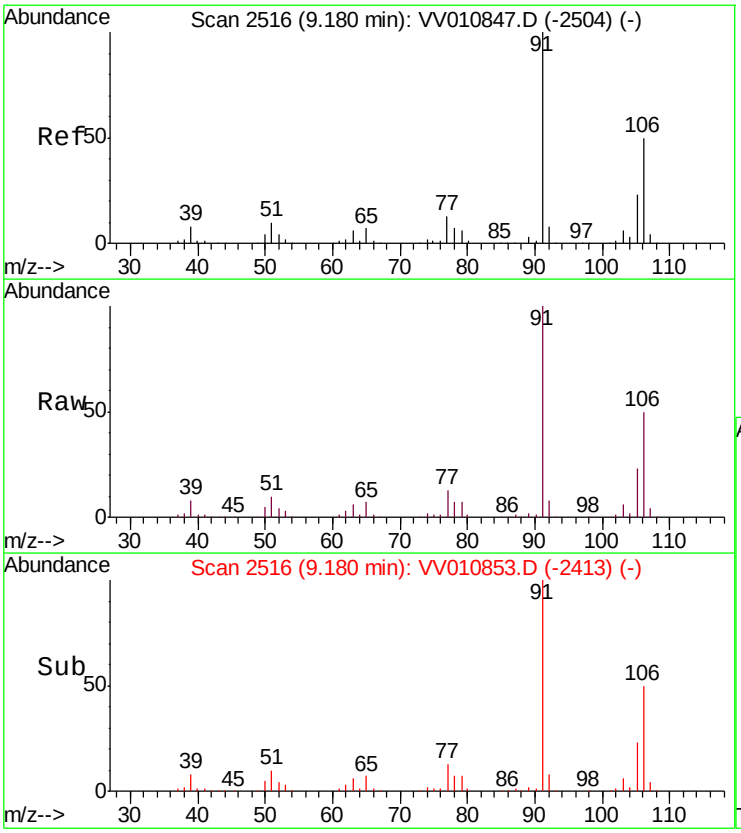
#53
Ethylbenzene
Concen: 25.668 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 91 Resp: 225984

Ion	Ratio	Lower	Upper
91	100		
106	31.8	21.9	40.7

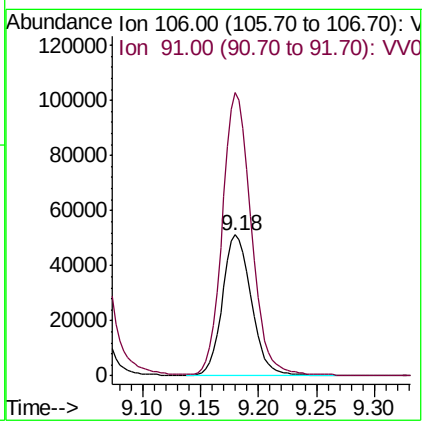


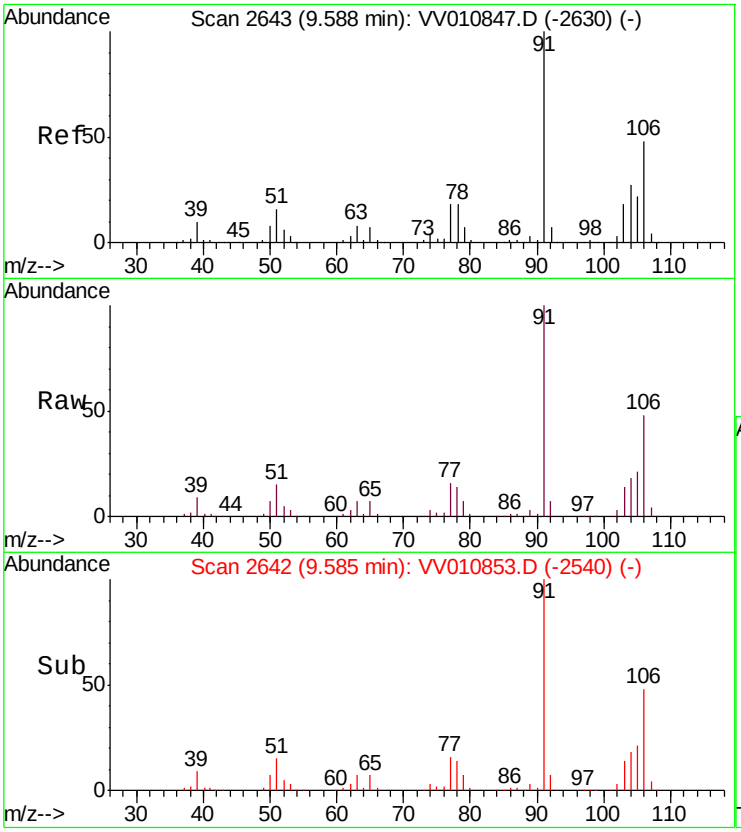


#54
m,p-Xylene
Concen: 25.567 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion:106 Resp: 88687

Ion	Ratio	Lower	Upper
106	100		
91	200.8	140.6	261.0



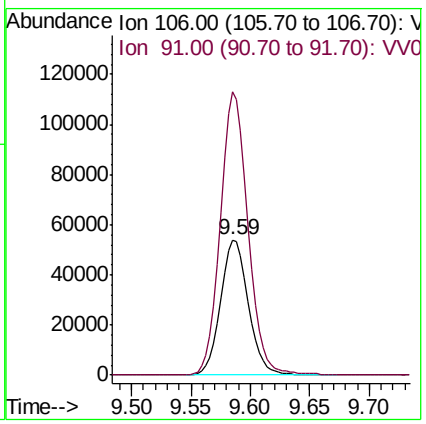


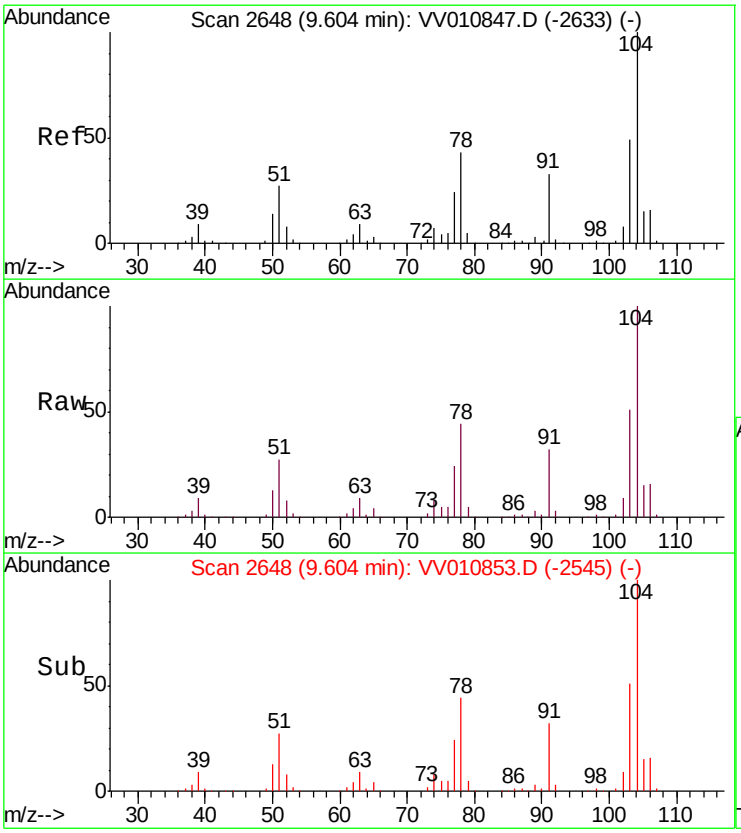
#55
o-xylene
Concen: 25.739 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion:106 Resp: 87719

Ion	Ratio	Lower	Upper
106	100		
91	208.9	146.9	272.9

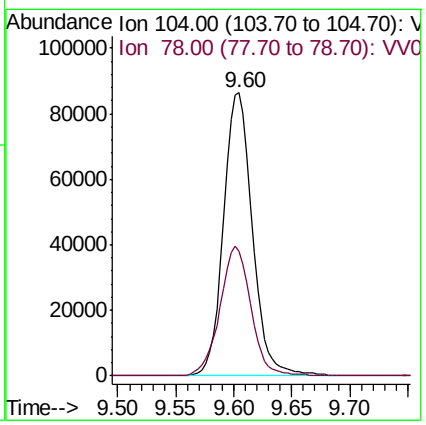


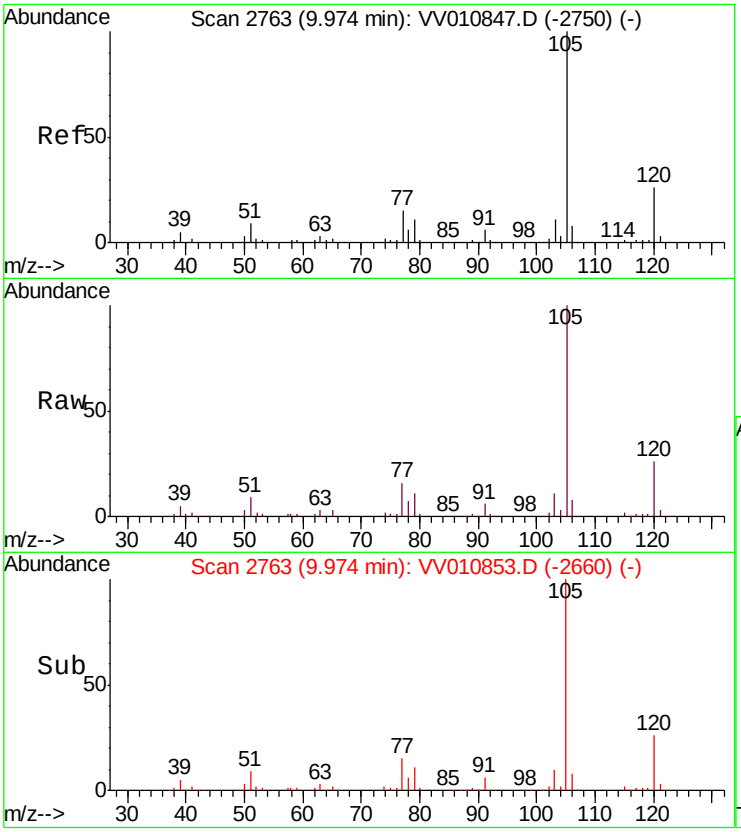


#56
Styrene
Concen: 25.347 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion:104 Resp: 148124

Ion	Ratio	Lower	Upper
104	100		
78	44.0	30.0	55.8



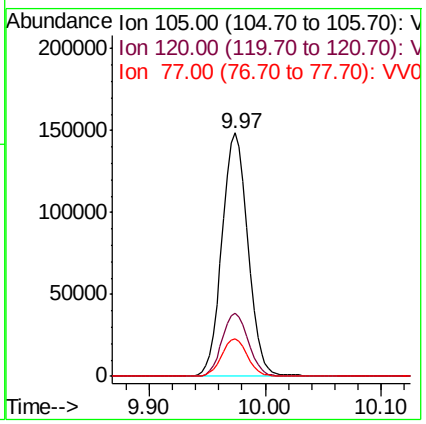


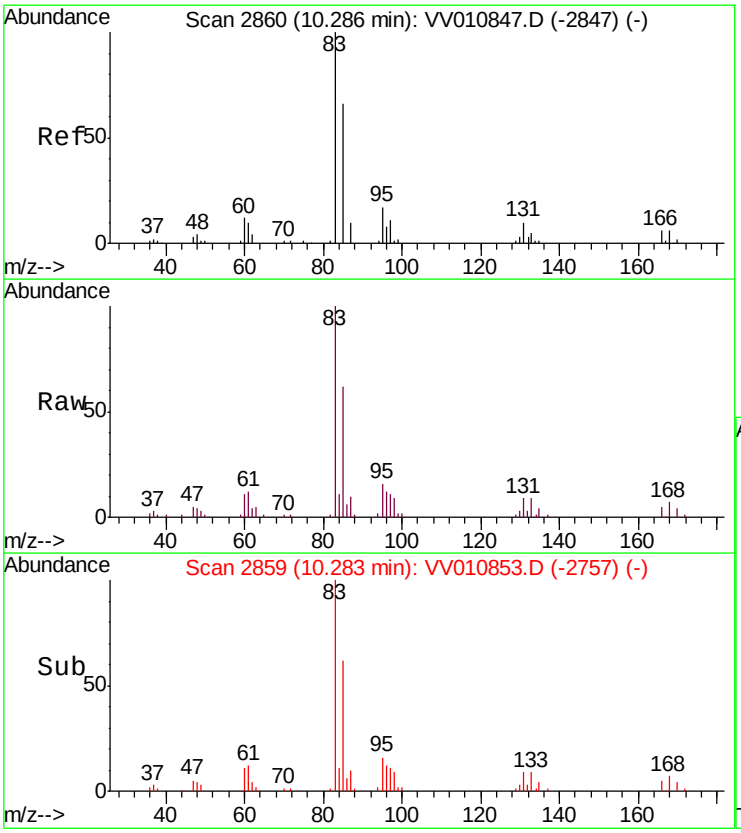
#57
Isopropylbenzene
Concen: 26.875 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion:105 Resp: 229267

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.0	31.4
77	15.5	12.2	18.4

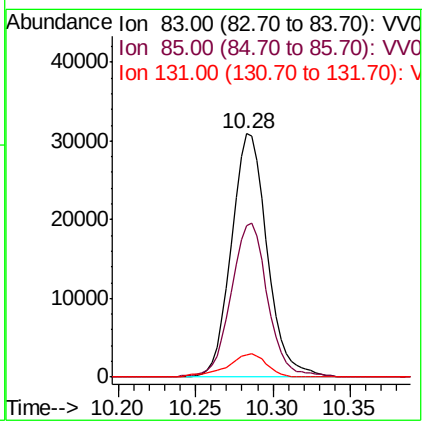


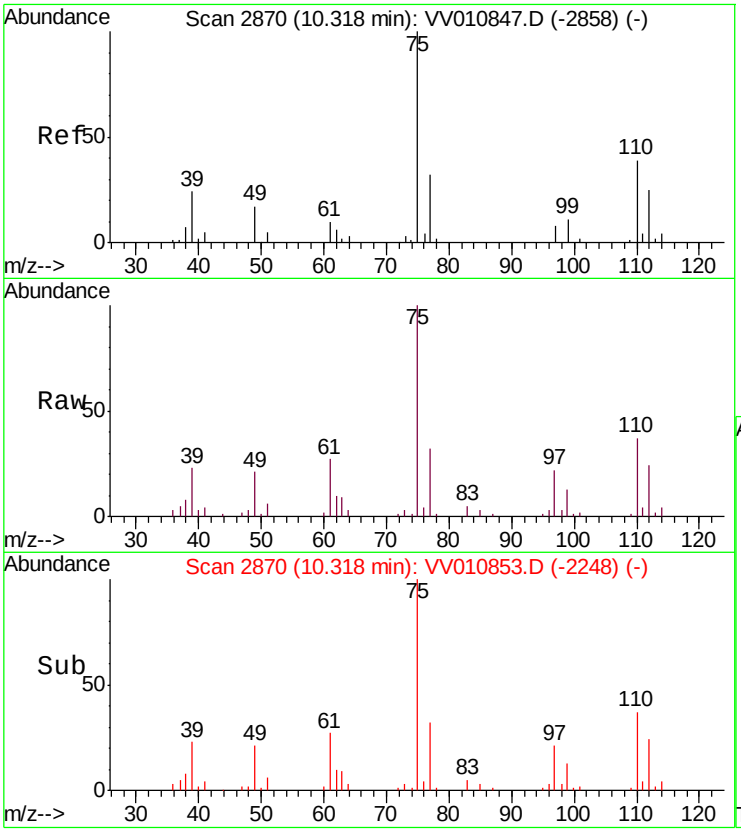


#58
1,1,2,2-Tetrachloroethane
Concen: 23.742 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 83 Resp: 49723

Ion	Ratio	Lower	Upper
83	100		
85	62.5	46.7	86.7
131	9.2	8.5	12.7



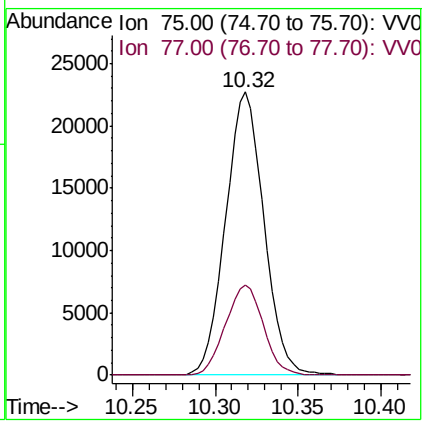


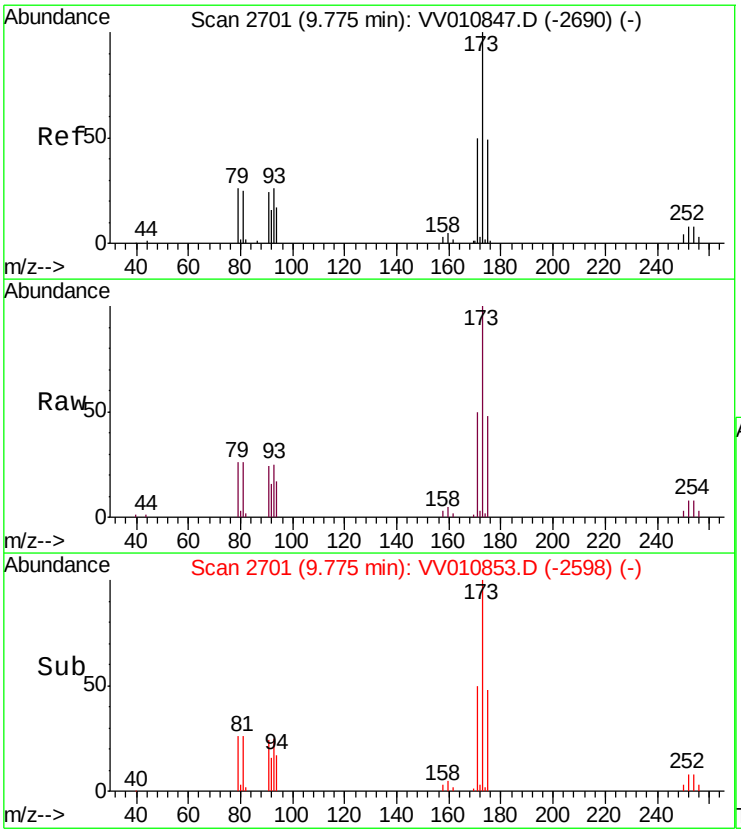
#59
1,2,3-Trichloropropane
Concen: 24.037 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion: 75 Resp: 36475

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.4	39.6

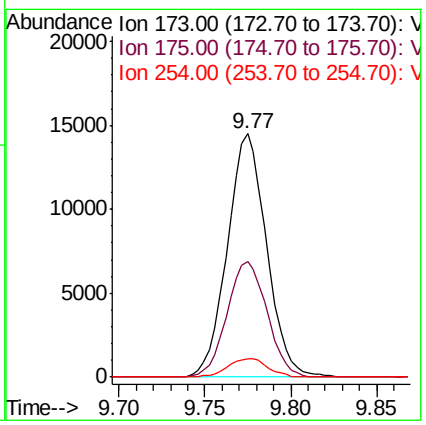


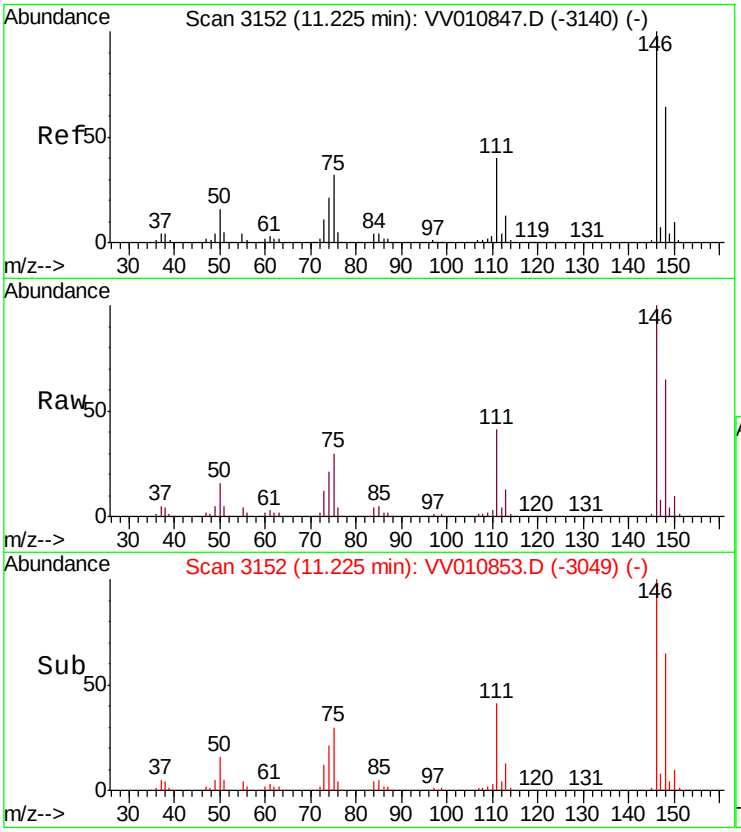


#62
Bromoform
Concen: 23.894 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion:173 Resp: 23056

Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.1	57.1
254	7.9	5.4	8.2



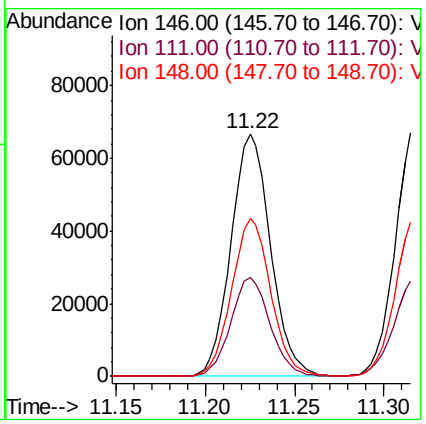


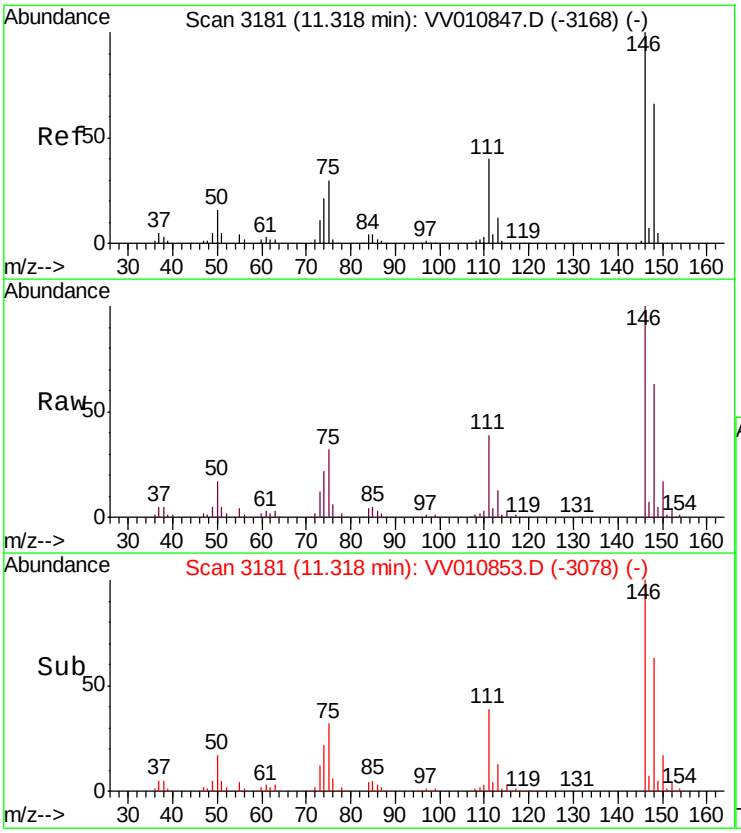
#63
1,3-Dichlorobenzene
Concen: 24.245 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion:146 Resp: 103556

Ion	Ratio	Lower	Upper
146	100		
111	40.6	28.1	52.1
148	64.8	44.4	82.5

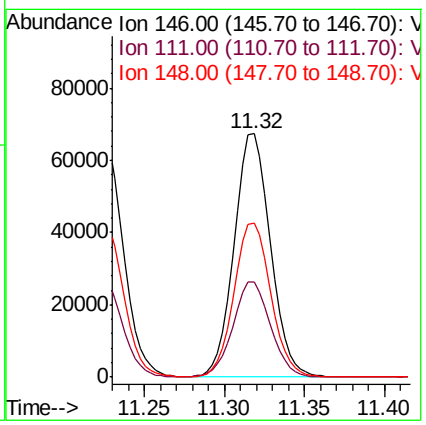


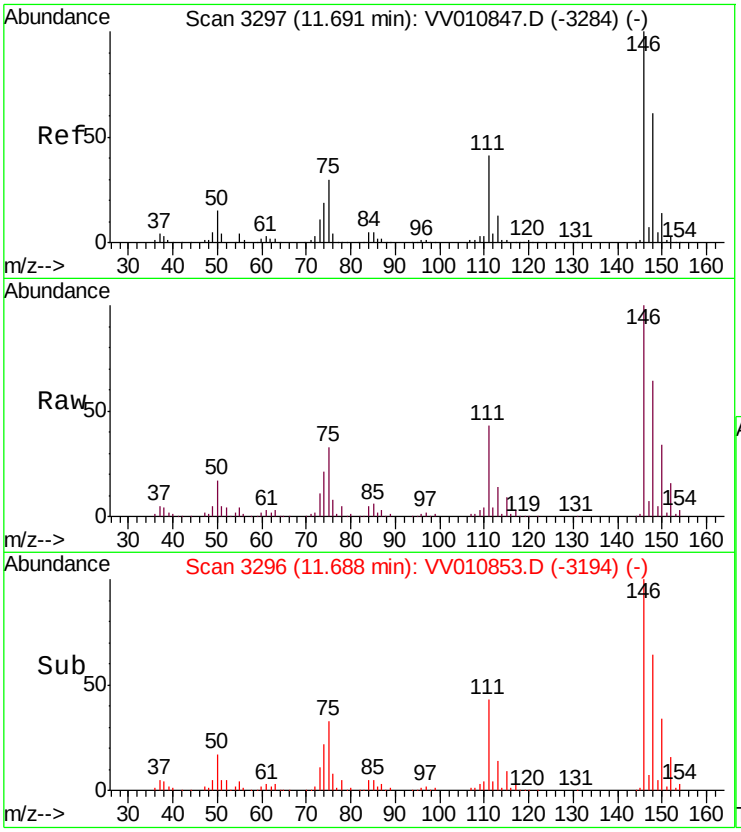


#64
1,4-Dichlorobenzene
Concen: 23.531 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion:146 Resp: 104118

Ion	Ratio	Lower	Upper
146	100		
111	38.8	27.9	51.7
148	63.4	45.9	85.3



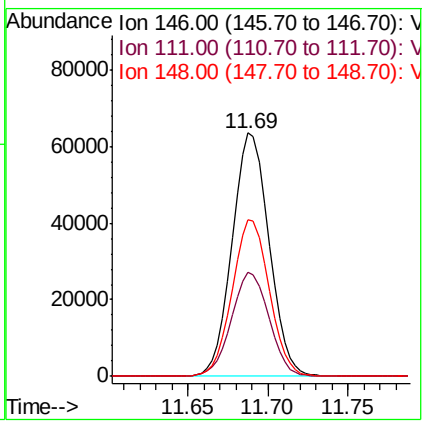


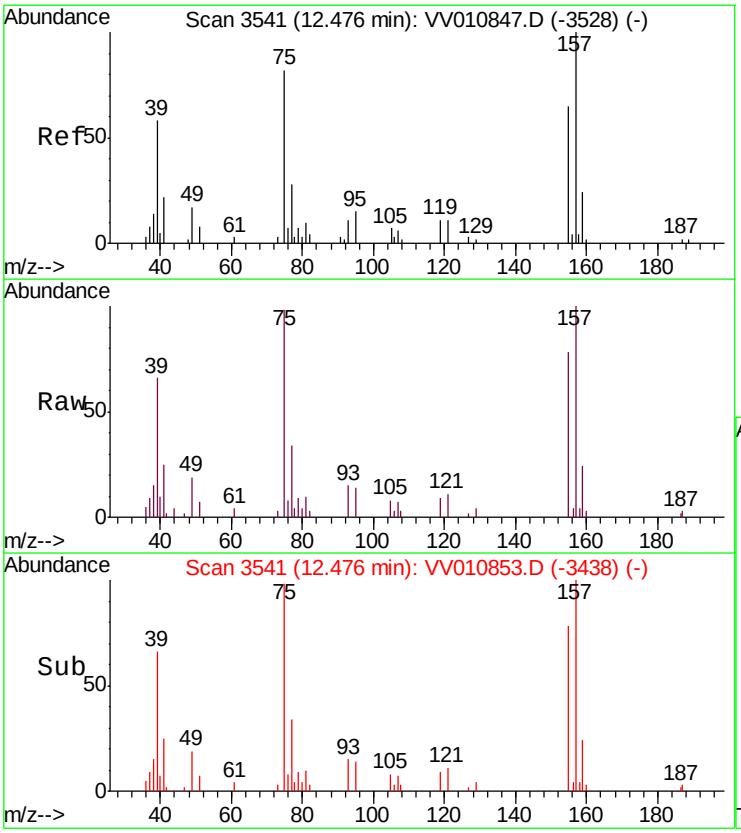
#65
1,2-Dichlorobenzene
Concen: 23.468 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. -0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion:146 Resp: 100005

Ion	Ratio	Lower	Upper
146	100		
111	42.6	33.4	50.0
148	64.1	49.1	73.7

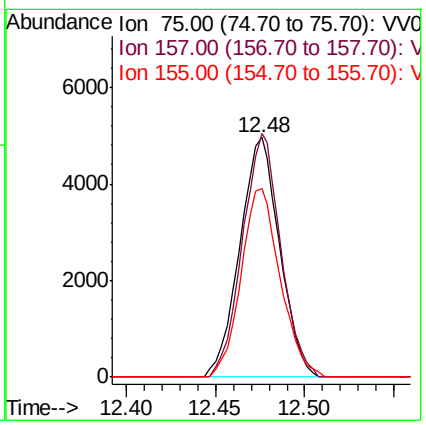


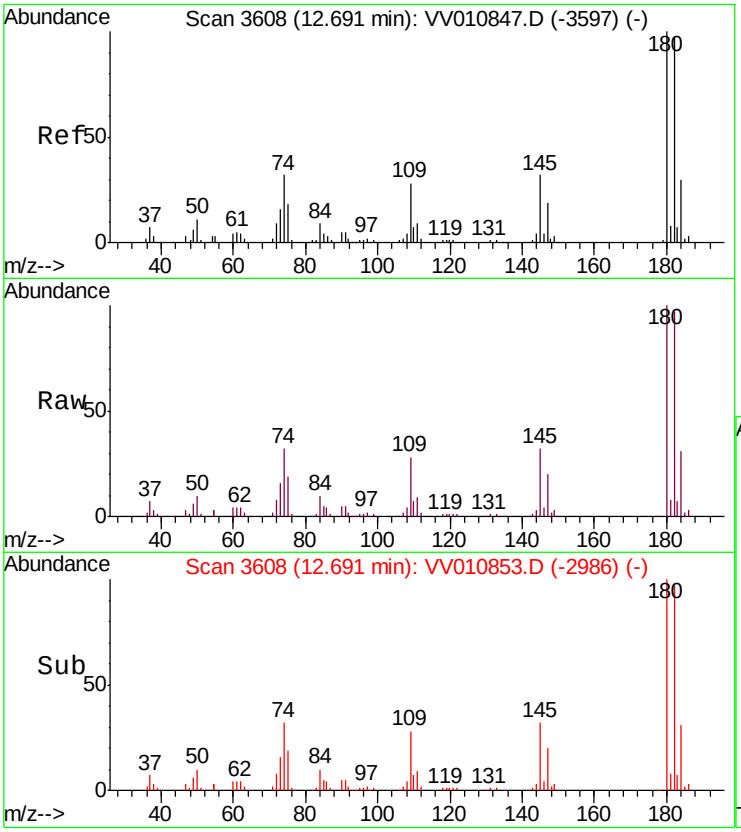


#66
1,2-Dibromo-3-chloropropane
Concen: 24.256 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion: 75 Resp: 7741

Ion	Ratio	Lower	Upper
75	100		
157	101.7	97.6	146.4
155	78.9	63.6	95.4



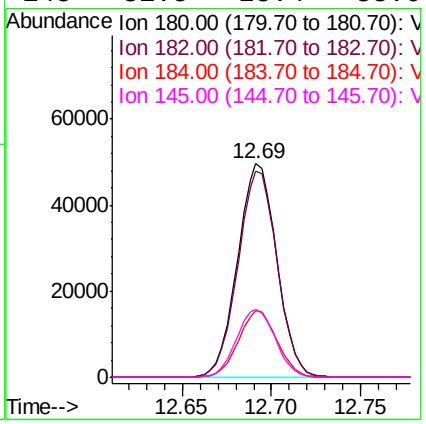


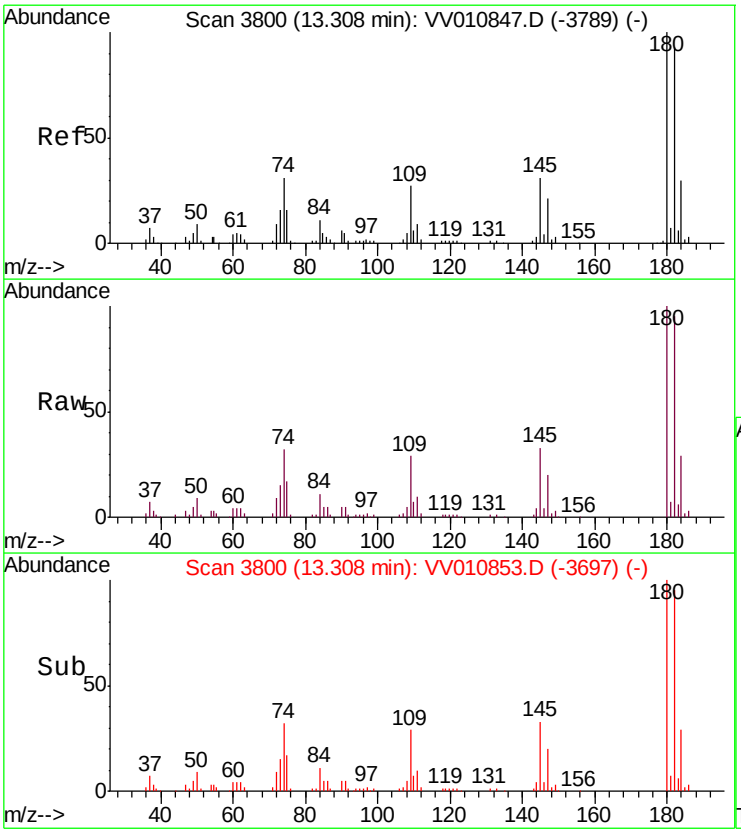
#67
1,3,5-Trichlorobenzene
Concen: 24.340 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion:180 Resp: 75765

Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.9	113.9
184	30.6	24.1	36.1
145	31.5	25.4	38.0

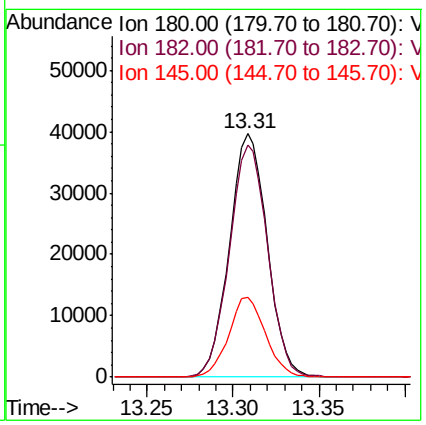


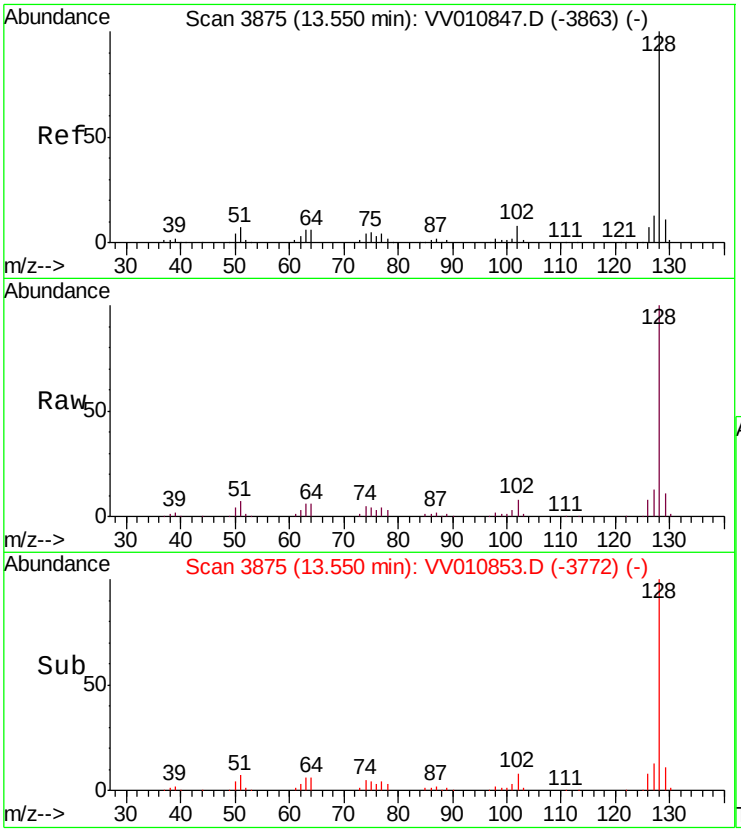


#68
1,2,4-trichlorobenzene
Concen: 24.150 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion:180 Resp: 60701

Ion	Ratio	Lower	Upper
180	100		
182	96.5	74.2	111.2
145	32.1	25.4	38.0



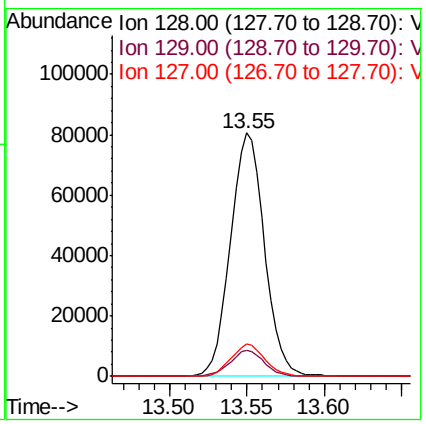


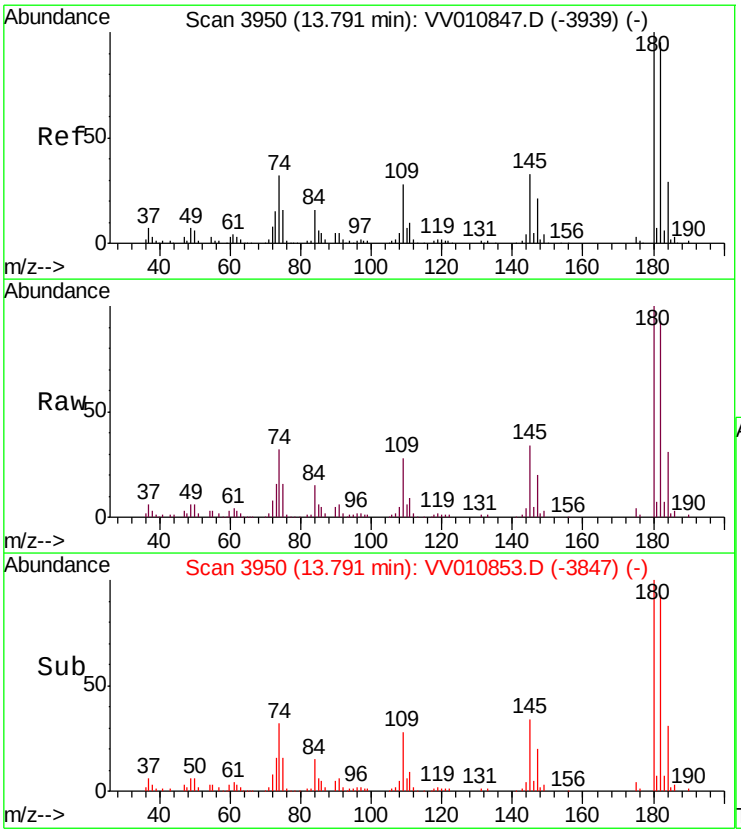
#69
Naphthalene
Concen: 23.308 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD02597

Tgt Ion:128 Resp: 122721

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.0	10.5	15.7





#70
1,2,3-Trichlorobenzene
Concen: 24.658 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV010853.D
Acq: 14 May 2019 10:18

Tgt Ion:180 Resp: 58987

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	33.2	26.8	40.2